Product Catalogue 2019

emm
just add paint

REACHING
NEW
HEIGHTS

19

hamach
DUTCH ENGINEERING

Colad
inventing more

RONIN TOOLS

hamach DUTCH ENGINEERING   Colad inventing more   RONIN TOOLS

emm
just add paint

NEW PRODUCTS
OUR NEW PRODUCTS ARE MARKED WITH THIS ICON THROUGHOUT THE CATALOG.

Today professionals, only want to work with the best products. EMM continuously looks at its brands ranges with an eye to innovation to get the most out of each other's expertise. This results in the introduction of various new products that complement the complete process and help you achieve the best results possible.

Colad Orange™ Masking Tape
An all-round high tack orange coloured masking tape for masking jobs that require high performance and maximum flexibility.
9000xx
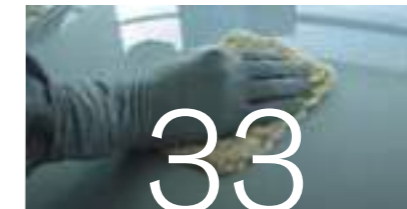
Tack Rags Waffled
High quality, large textured cotton cloth. Superior dust holding capacity!
9175

Snap Lid System® 350 & 900 ml
Lids for 350/900 ml Colad Mixing Cups.
9350xxxSL + 9350xxxSLS
9390xxxSLS

Disposable Overall
The protective paint suit for single use!
5300xx

BodyGuard® Overall
Improved fit and higher comfort. For a full day of working comfort and protection!
5200xx

Hand Cleaning range
Experience the new Hand Cleaning Extreme for very dirty hands and check out the new Dispenser and Refill.
8240 - 8235 - 8290 - 8260 - 8265

Nitrile Gloves Black and Dispenser
A box with 400 pieces Nitrile Gloves Black and a 400 pieces Bulk Dispenser.
53640x - 5364D
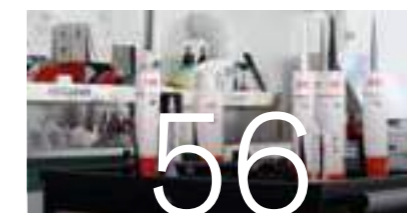
High End Adhesives
A large range of high quality and durable adhesives based on the latest adhesive technology!
90672440 - 9067225x - 9067224x
90672412 - 9067242x - 90673719

Check out the new Hamach Central Vacuum Units
The core of Hamach systems HCV 5000 TQ, 7000 TQ, 9000 TQ, 15000 TQ and 18000 TQ.
000584 - 000588 - 000589 - 000565 - 000586

BEST SELLING PRODUCTS
OUR BESTSELLERS ARE MARKED WITH THIS ICON THROUGHOUT THE CATALOG.

EMM INTERNATIONAL

EMM International is the creative centre for innovative applications in all paint processing branches. At EMM, new inventions are developed which are essential for working with paint effectively and efficiently.

Practical solutions are conceived, developed, tested and produced based on the collaborative work of the Blue Box. Blue box is EMM's think tank, in which dealers and end users like painters and finishers from all over the world are involved on a rolling basis. This results in solutions that increases the productivity of the workflows, increases the quality of the work and ensures a high safety standard. Together we facilitate excellent work for paint processors in the automotive, aviation, nautic and industry.

EMM features the brands Colad, Hamach and Ronin Tools. Over the last three years EMM introduced over 40 new and innovative products like Colad Turbomix Paintsaver®, Colad Snap Lid System®, Hamach HR1400 and Colad Orange™ Masking.

Increase productivity with the new insights, with EMM you make it happen.

CERTIFIED: ISO 9001:2015

ISO 9001 is the international standard that specifies requirements for a quality management system. Organizations use the standard to demonstrate the ability to consistently provide products and services that meet customer and regulatory requirements. EMM has the certificate of ISO 9001:2015. Each year audits are done to confirm the quality.

BRANCHES AND HQ

SWEDEN
THE NETHERLANDS
HQ ZWOLLE
POLAND
FRANCE
GERMANY
PORTUGAL
ITALY
SPAIN

125 ACTIVE COUNTRIES

In more than 125 countries we serve end users via our excellent dealer network with all products from our brands Colad, Hamach and Ronin Tools.

MARKETS

EMM distributes goods and disposables to all sectors that use paints on a large scale.

AUTOMOTIVE   **AVIATION**

NAUTIC   **INDUSTRY**

BRANDS

hamach
DUTCH ENGINEERING

• Complete and effective solutions for mixing room equipment and smart work spot processes, focused on sustainability and health.
• Designs high quality, tailor-made HCV dust extraction solutions for every market and budget. Our smart engineers are highly creative in combining materials, techniques and applications into one effective solution.
• Safety, quality and sustainability are an integrated part of every development. Connecting industrial automation systems with the HCV dust extraction solutions is done in many branches.
Hamach; 'Thinking out of the box'

Colad
inventing more

• Makes professional work efficient with practical disposables and smart investment solutions for mixing rooms and work spots.
• Creates solutions to industry-specific issues, that's is Colad's DNA. It's not by chance that Colad invented the famous Mixing Cup, the BodyGuard® paintsuit, Turbomix Paintsaver® and Snap Lid System®, the fastest paint application system ever!
• Focused on achieving high quality results within the working procedures for professional paint users.
Colad, inventing more

RONIN TOOLS

• With an extensive range of high quality hand tools, Ronin makes professional (de) mounting and service jobs possible with a long lasting result.
• Designed for maximum conveniences and functionality, extremely comfortable to use.
• For every job the right tool and guaranteed for life.
Ronin Tools for Pros Only

EXPERIENCE CENTRE

Your questions, comments and insights will strengthen the collective. In the same way, the collective can strengthen your business. Together we know more. For knowledge sessions and strategic session we organize workshops in various ways. For example: about opportunities within other markets such as automotive, aviation, nautic and industry. Within the centre we also offer product training on new products, processes and systems.

"The detailed product training gave me new insights and improved my professional abilities!"

- ⌄ DIALOGUE
- ⌄ PRACTICE
- ⌄ TRAINING
- ⌄ TESTING

Speed up your process for winning results!

As a committed coach EMM contributes directly to the success of dealers and end users in the automotive, aviation, nautic and industry market. The wide assortment of disposables, investment goods and custome made solutions of EMM, strengthens directly the productivity of your complete paint process. We continuously are driven to upgrade your expertise with new insides, solutions and systems for masking, sanding, surface- en and paint preparation, painting and polishing work actions. Join us, let's work together and grow!

STEP 1
MASKING
Make your masking process efficient, fast and economical!

STEP 2
SANDING
Turn the roughest surfaces into the smoothest finish!

STEP 3
SURFACE PREPARATION
Guarantee perfect cleaning and avoid any contamination on the painted surface!

STEP 4
PAINT PREPARATION
Eliminate the risk of any contamination and reduce costs!
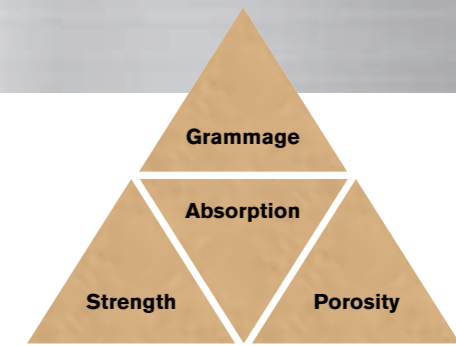
STEP 5
PAINTING
For a spotless paintjob!

STEP 6
POLISHING
Puts the finishing touch to every painted surface!

Make your masking process efficient, fast and economical!

- Easy to tear in a straight line
- Perfect barrier properties
- Right absorption features
- Paint sticks to the masking paper but does not bleed through under normal conditions

Grammage

Absorption

Strength   **Porosity**

Property triangle of masking paper:
- **Grammage** Depending on the grammage, the porosity and absorption capacities of the paper may vary.
- **Absorption** Determines the amount of paint that can be absorbed by the paper before leaking through.
- **Strength** The strength of the paper determines the risk of cracking while applying.
- **Porosity** Determines the amount of paint that will leak through the paper.

ENVIRONMENTAL FRIENDLY

31% of the world is covered in woods, 1.6 billion people depend on this. Between 2000 and 2012, 229.8 million acres of these woods were destroyed. In the search of durable and environmental friendly solutions, EMM introduced recycled masking paper. Specially selected recycled paper is the base of Colad recycled masking paper. The fibers are smaller and easier to produce. This reduces the use of energy and water. Colad recycled masking paper is produced in accordance with:

ISO 14001 ensures that environmental impact is being measured and improved.

Biodegradable in accordance with the requirements of standard EN 13432:2000.

Paper Type	Classic	Premium	Small	Ultimate
Art. no.	2100xx	2060xx	2062xx	2200xx
Paper	Recycled	Recycled	Recycled	Coated
Grammage	40 g/m^2	50 g/m^2	50 g/m^2	50 g/m^2
Absorption	22 g/m^2	22 g/m^2	22 g/m^2	22 g/m^2
Strength	2.2 kPa.m^2/g	2.2 kPa.m^2/g	2.2 kPa.m^2/g	-
Porosity	150 ml/min	120 ml/min	120 ml/min	120 ml/min
Length	450 m	300 m	50 m	200 m
Available in	7 versions	8 versions	4 versions	2 versions

Colad

Masking Paper Classic
210021 (21 cm)
210037 (37.5 cm)
210045 (45 cm)
210060 (60 cm)
210090 (90 cm)
2100120 (120 cm)
2100150 (150 cm)

Easy tearable with the help of an aprontaper knife, but will not easy tear because of the handling of it. Perfect barrier properties in combination with the right absorption possibilities. One 450 meters roll.

Colad

Masking Paper Premium
206021 (21 cm)
206028 (28 cm)
206037 (37.5 cm)
206045 (45 cm)
206060 (60 cm)
206090 (90 cm)
2060120 (120 cm)
2060150 (150 cm)

Easy tearable with the help of an apron-taper knife, but will not easy tear because of the handling of it. Perfect barrier properties in combination with the right absorption possibilities. One 300 meters roll.
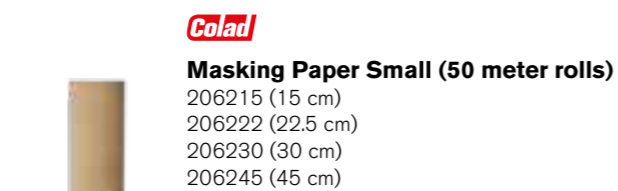
Masking Paper Ultimate
220030 (30 cm)
220060 (60 cm)

Impregnated with a special coating to prevent the paint from bleeding through. One 200 meters roll.

Masking Paper Small (50 meter rolls)
206215 (15 cm)
206222 (22.5 cm)
206230 (30 cm)
206245 (45 cm)

Easy to use by hand due to the compact size of the rolls. One 50 meters roll.

1.1.2 MISCELLANEOUS

Aprontapers

The dispensers apply the masking tape automatically with the paper!

All our aprontapers are designed to mask quick and easy. The mobile units are fitted with strong wheels which can be moved through the masking area, including grid floors.

Art. no.	No. of rolls	Max. roll width	Place
2040	1 roll	37.5 cm	Wall/Table
2030	1 or 2 rolls	120 cm	Wall/Table
2010	3 rolls	100 cm	Mobile
2020	4 rolls	100 cm	Mobile
000847	5 or 6 rolls	120 cm	Mobile

Aprontaper 1 roll
2040
Not assembled.

Aprontaper 1 or 2 rolls
2030
Not assembled.

Aprontaper 3 rolls
2010
Not assembled.

Aprontaper 4 rolls
2020
Not assembled.

Aprontaper 5 or 6 rolls
000847
Trolley dimensions, 150 x 40 x 135 cm.
Not assembled.

Overpaintable Wheel Covers
6101 (800 x 700 mm)

High quality plastic HDPE wheel covers, 20 microns. For masking of car wheels and rims during the paint process. Very easy in use and universal in application due to the Extra Large opening. 200 pieces in a box.

Wheel Covers
6010 (58/15)
6020 (70/20)

Made of an aluminum impregnated non-woven material. Can be used and re-used between 150 and 200 times. 4 pieces in a box.

Plastic Seat Covers
6110 (820 x 1300 mm)

For protection of car seats during the complete process of preparation/ sanding/ painting. 100 pieces in a dispenser box.

Sensor Covers
9090

The quick and easy solution for masking integrated parking sensors! Integrated parking sensors need to be handled with care. To sand or paint a bumper perfectly they must be covered for the full 100%. Or worse, need to be disassembled. Both of these solutions are time consuming. Solve this problem by using the Colad Sensor Covers. Dispenserbox 500 pcs.

TIME SAVING
Save up to 15 minutes in the total process!

EASY TO USE
Apply and remove within seconds!

IDEAL MEASUREMENTS
Suitable for most modern sensors!

OVERSANDABLE
Can be sanded over by machine sander

PAINT ADHESIVE
Paint sticks to the covers

Film4Crash

The smart film to protect a car from all weather influences after removal of doors or broken windows!

- A though, flexible, self-adhesive plastic film to protect openings from weather influences
- Simply seal a car after collision, dismounting or vandalism
- UV resistant for at least 6 months. This means that you will not face any discolour of the interior of the vehicle
- After removal all adhesive comes off with the film and does not transfer to the surface
- Can be applied on new cured paint

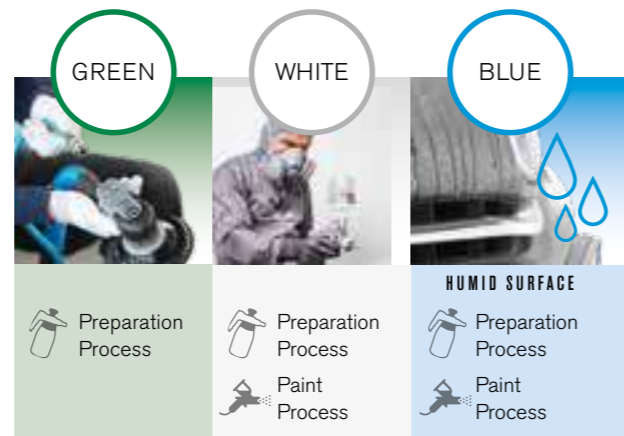## Film4Crash
6870 (75 cm x 60 m)

Liquid Masking
8400 (5 L)

Liquid masking forms a strong film which traps dirt and protects the vehicle from overspray. Just apply one layer with any type of spray gun (drying time ± 20 min.). 5 L can.

Makes your process faster, more efficient and more economical!

• Quick and efficient masking
• A fitted film for every job
• Highest quality standards
• Create efficiency in process and costs

GREEN   WHITE   BLUE

| Preparation Process | Preparation Process | **HUMID SURFACE** Preparation Process |
| | Paint Process | Paint Process |

1 + 2 + 3

MASKING FILM SYSTEM

Colad

Foil Dispenser
2050

For wall mounting: 1 roll capacity, maximum width 110 cm. Per piece. Not assembled.

Colad

Mobile Foil Dispenser II
2062

This Mobile Foil Dispenser is ideal for covering vehicles with plastic foil. So easy to use that one man can do the job. Simply take the dispenser to the object, stretch the foil over the vehicle and cut along the cutter guide with the foil cutter. Two rolls can be mounted in the dispenser saving space in the workshop (4 m and 6 m). Per piece. Not assembled.

Colad

Electrical Foil Cutter
2075

Electrical cutter for plastic foil and masking paper, supplied in a bag with belt strap for easy storage. The special design of this cutter guarantees that cutting is simple, safe and prevents damage to the vehicle. It ensures fast and effortless cutting of the masking foil. Requires 2 x AA batteries (not included). Per piece.

2076 (optional) Spare blades (4 pcs)

Colad

Magnetic Foil Cutter
2070

Very practical cutter for plastic foil and masking paper with magnet on back. The special design of this cutter guarantees that cutting is simple, safe and prevents damage to the vehicle. Per 10 pieces.

WHITE

Colad

Translucent Spraymask
6365 (4 m x 300 m)
6365150 (4 m x 150 m)
6365-48 (4.8 m x 300 m)

Translucent masking film with paint adhesion. Per roll in a carton box with dispenser functionality.

WHITE

Colad

Translucent Spraymask (extra wide)
6660-5 (5 m x 120 m)
6660 (6 m x 100 m)

Suitable for masking sideways. Suitable for masking large vehicles like vans, SUV's and trucks. Per roll in a carton box with dispenser functionality.

GREEN

Colad

Masking Film
6340 (3.8 m x 200 m)
6340300 (3.8 m x 300 m)

Translucent green masking film without paint adhesion. Per roll in a carton box with dispenser functionality.

WHITE

Colad

Plastic film (with tape)
640001 (34 cm x 25 m)
640002 (60 cm x 25 m)
640003 (90 cm x 25 m)
640004 (120 cm x 25 m)
640005 (180 cm x 25 m)
640007 (260 cm x 25 m)

Masking film with paint adhesion and tape on one side. To mask various areas such as car windows, bonnets, one side of buses etc. Can be easily torn by hand (without a knife). Has static properties to ensure the film 'clings' to the surface. Per roll.

WHITE

Colad

Heavy Duty Spraymask
6345 (4 m x 150 m)

Extra thick, white masking film with paint adhesion. Per roll in a carton box with dispenser functionality.

BLUE

Colad

Breathable Spraymask
6375 (4 m x 150 m)
6375-6 (6 m x 100 m)

Translucent blue masking film with paint adhesion, 'breathing' capabilities and moist absorption. Ready to use on a humid object, prevents 'Ghost stains'. Per roll in a carton box with dispenser functionality.

	Art. no.	High static power	Paint adhesion	High tensile strength	Infrared drying max 120°C	Extra thick (17 micron)	Extra wide: 5 m / 6 m	Breathing capabilities	Moist absorbing	Tape on one side
Translucent Spraymask	6365 6365150 6365-48	✔	✔	✔	✔	–	–	–	–	–
Masking Film	6340 6340300	✔	–	✔	–	–	–	–	–	–
Heavy Duty Spraymask	6345	✔	✔	✔	✔	✔	–	–	–	–
Translucent Spraymask Extra Wide	6660-5 6660	✔	✔	✔	✔	–	✔	–	–	–
Plastic film with tape	64000x	✔	✔	–	–	–	–	–	–	✔
Breathable Spraymask	6375 6375-6	✔	✔	✔	✔	–	✔	✔	✔	–

Colad

Colad Orange™ Masking Tape
900019 (48 rolls - 19 mm x 50 m)
900025 (36 rolls - 25 mm x 50 m)
900038 (24 rolls - 38 mm x 50 m)
900050 (24 rolls - 50 mm x 50 m)

Colad Orange™ Masking Tape is a orange coloured masking tape that is high temperature and UV resistant! It also has a unique adhesive compound.
It is suitable for all types of paint systems!
• This tape is UV and weather resistant up to 8 days!
• It leaves no residue after removal, has exceptional sharp lines and has a temperature resistance of 100°C for 1 hour.

Colad

Aqua Dynamic Masking Tape
900419 (48 rolls - 19 mm x 50 m)
900425 (36 rolls - 25 mm x 50 m)
900438 (24 rolls - 38 mm x 50 m)
900450 (24 rolls - 50 mm x 50 m)

Suitable for waterborne coatings and a resistance up to 130 degrees for 1 hour! Colour: green.

Colad

Premium Masking Tape
907019 (48 rolls - 19 mm x 50 m)
907025 (36 rolls - 25 mm x 50 m)
907030 (40 rolls - 30 mm x 50 m)
907038 (24 rolls - 38 mm x 50 m)
907050 (24 rolls - 50 mm x 50 m)

Masking tape with high temperature resistance to optimize the application of the product. Can be used for a variety of purposes and leaves no residue. Sharp clean edge for perfect application.

Colad

Ultimate Masking Tape
902019 (48 rolls - 19 mm x 50m)
902025 (36 rolls - 25 mm x 50 m)
902030 (40 rolls - 30 mm x 50 m)
902038 (24 rolls - 38 mm x 50 m)
902050 (24 rolls - 50 mm x 50 m)

Masking tape with even higher temperature resistance then the Colad Classic and Premium Masking tapes. Leaves no residue. Up to 110 degrees for a maximum of 1 hour!

Colad

Classic Masking Tape
907519 (48 rolls - 19 mm x 50 m)
907525 (36 rolls - 25 mm x 50 m)
907538 (24 rolls - 38 mm x 50 m)
907550 (24 rolls - 50 mm x 50 m)

The well-known and high quality tape to be used for masking during sanding or painting. Can also be used in the spray booth at higher temperatures without leaving residue. Sharp clean edge for perfect application.

	Art. no.	High temperature	High tack	Weather resistant	No residue	UV resistant	Sharp edges
Colad Orange™ Masking Tape	9000xx	⌄ 100°C 1 hour	⌄⌄	⌄	⌄⌄	⌄	⌄⌄
Aqua Dynamic Masking Tape	9004xx	⌄ 130°C 1 hour	⌄⌄	−	⌄⌄	−	⌄
Ultimate Masking Tape	9020xx	⌄ 110°C 1 hour	⌄⌄	−	⌄⌄	−	⌄
Premium Masking Tape	9070xx	⌄ 80°C 1 hour	⌄	−	⌄	−	⌄
Classic Masking Tape	9075xx	⌄ 60°C 1 hour	⌄	−	⌄	−	⌄

Colad

Fine Line Tape
903003 (3 mm x 55 m)
903006 (6 mm x 55 m)
903009 (9 mm x 55 m)
903012 (12 mm x 55 m)
903019 (19 mm x 55 m)

Green Fine Line Tape, specially designed to mask objects if excellent colour separation is required when spraying with multiple colours, printing or custom painting. It adheres to a wide variety of surfaces and can be used in combination with waterborne coatings. It can be removed easily without leaving any residue. 1 roll in a plastic bag.

Colad

Stegoband Classic
906011 (25 mm x 10 m)
906012 (18 mm x 10 m)
906013 (9 mm x 10 m)

Masking tape designed specifically for masking jobs in hard-to-reach places, ensuring you to cover glued or rubber-mounted windscreens or gaps between car body parts. To make masking jobs easier, the adhesive is protected by a paper liner. Stegoband can be removed easily leaving no residue. Per roll in a dispenser box.

Colad

Foam Masking Tape
908013 (13 mm x 50 m)
908019 (19 mm x 35 m)

Foam Masking Tape is the product to use for masking gaps between bonnets, doors and car body parts. Per roll in a dispenser box.
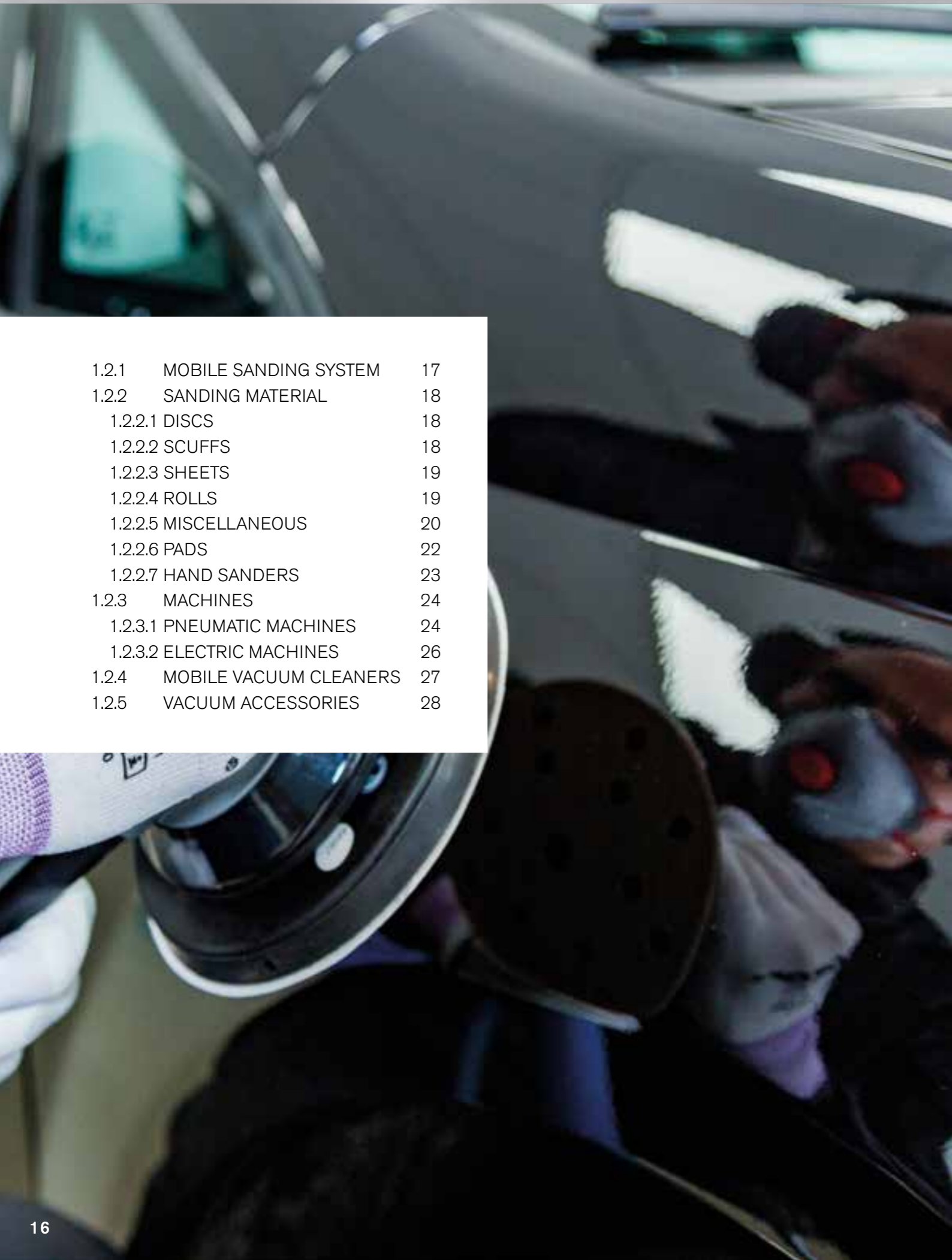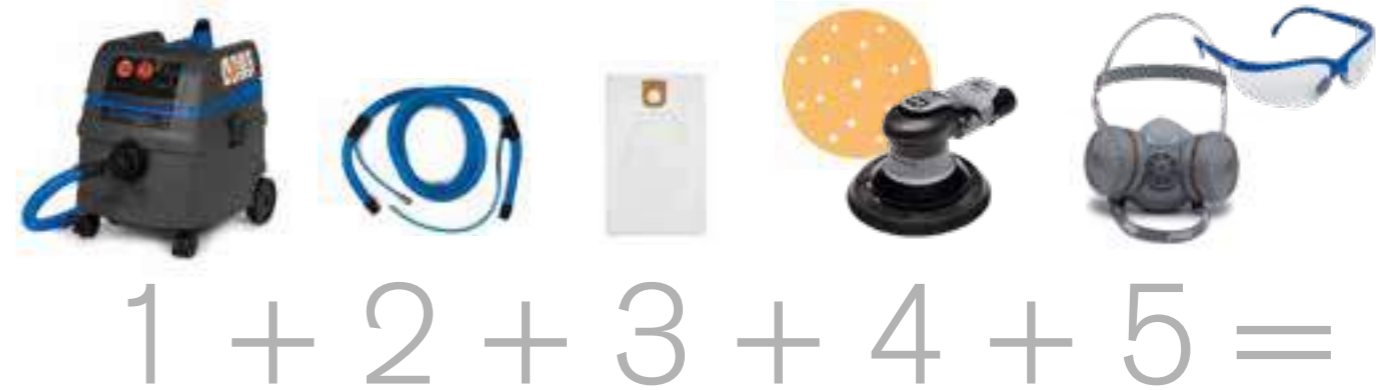
Colad

Stegoband Perforated
906023 (10/11 mm x 10 m)

This Stegoband is perforated every 4 cm so it is easy to tear off. It has a wide edge of 21 mm in total. It is also possible only to use the small edges of 10 or 11 mm. Stegoband can be removed easily leaving no residue. Per roll in a dispenser box.

1 + 2 + 3 + 4 + 5 =

MOBILE SANDING SYSTEM FOR SAFE WORKING!

Do you produce fine dust of metal, iron, aluminum, plastic, paint or a mixture, then work safe! Start now with this mobile solution for reducing sanding dust in your workshop! It is good for the quality of your work and for your health.

hamach

1 Mobile Vacuum Cleaners
For every sanding job Hamach had developped perfect solutions for dust extraction on the job. For large industrial sanding projects Hamach has created the high quality Hamach Central Vacuum (HCV) dust extraction systems, see the chapter Central Dust Extraction.

Smaller projects can work also with mobile vacuum cleaners for dust extraction, Hamach has several solutions with dry and/or liquid suction, automatic and/or pneumatic switches.
000791 - HMV 3 EA
00076x - HMV 6-L EA/ PA

2 Vacuum Hoses
Hamach has all kinds of hoses. With air hose, couplings and in several diameters and dimensions.
00996x - standard, air hose and with and without couplings
009956
00997x

Vacuum Hoses Anti Static
Do you work in an environment that is potentially explosive (dust + oxygen + sparks)? Then choose for the anti static hose. Hamach has all kinds of anti static hoses, with air hose and in several diameters and dimensions.
00995x - standard and without couplings

3 Dust bags
Use the mobile vacuum machine with a filter for your own protection and for the protection of the machine. When the filter is filled with sanding dust, just throw away the filter, place a new one and go one with your sanding job!

4 Sanding and Polishing machines with pads and discs
Experience the quality machines of Hamach for pneumatic sanding and polsihing in an intensive and demanding environment. Choose for one-hand machines, planetary or orbital, for every job the right machine. And only select the best discs and a matching sanding pad!

5 Personal Protection
Work safe for a healthy life! Ask us for the appropriate solutions for respirator/filters and the best protection for hands and eyes.
5000 - Respirator
5425 - Fine Dust Mask P2
5085 - Safety Glasses

For machine sanding during all stages of the repair process. Open-coated aluminium oxide abrasives especially prepared for strength and durability. Hook & Loop, to be used with 150 mm pads.

	Holes	Hook & loop	Art. no.	
Sanding Discs Premium	8 + 6 + 1	150 mm	36800040 (P40) (50 discs per box)	36800060 (P60) (50 discs per box)
			3680008010 (P80) (100 discs per box)	3680032010 (P320) (100 discs per box)
			3680010010 (P100) (100 discs per box)	3680036010 (P360) (100 discs per box)
			3680012010 (P120) (100 discs per box)	3680040010 (P400) (100 discs per box)
			3680015010 (P150) (100 discs per box)	3680050010 (P500) (100 discs per box)
			3680018010 (P180) (100 discs per box)	3680060010 (P600) (100 discs per box)
			3680022010 (P220) (100 discs per box)	3680080010 (P800) (100 discs per box)
			3680024010 (P240) (100 discs per box)	3680100010 (P1000) (100 discs per box)
			3680028010 (P280) (100 discs per box)	3680150010 (P1500) (100 discs per box)
Sanding Discs Premium	6 +1	150 mm	3650004010 (P40) (50 discs per box)	3650006010 (P60) (50 discs per box)
			3650008010 (P80) (100 discs per box)	3650028010 (P280) (100 discs per box)
			3650010010 (P100) (100 discs per box)	3650032010 (P320) (100 discs per box)
			3650012010 (P120) (100 discs per box)	3650036010 (P360) (100 discs per box)
			3650015010 (P150) (100 discs per box)	3650040010 (P400) (100 discs per box)
			3650018010 (P180) (100 discs per box)	3650050010 (P500) (100 discs per box)
			3650022010 (P220) (100 discs per box)	3650080010 (P800) (100 discs per box)
			3650024010 (P240) (100 discs per box)	3650150010 (P1500) (100 discs per box)

hamach
DUTCH ENGINEERING

Waterproof Sheets
230 x 280 mm

For wet hand sanding of all paints. Specially prepared latex waterproof paper for surface treatment of small paint defects.
A set of 50 sheets per sleeve.

35000080 (P80)
35000120 (P120)
35000150 (P150)
35000180 (P180)
35000220 (P220)
35000280 (P280)
35000320 (P320)
35000400 (P400)
35000600 (P600)
35000800 (P800)
35001000 (P1000)
35001200 (P1200)
35001500 (P1500)
35002000 (P2000)
35003000 (P3000)

hamach
DUTCH ENGINEERING

Delta Sanding Sheet (7 Holes)
Hook & Loop

Sanding sheets to use for dry sanding with Hamach Delta sanding tools.
Box of 50 sheets.

858060 (P60)
858080 (P80)
858100 (P100)
858120 (P120)
858150 (P150)
858180 (P180)
858220 (P220)
858240 (P240)
858280 (P280)
858320 (P320)
858360 (P360)

Related product:
000094X VH914 V Mini Orbital Sander
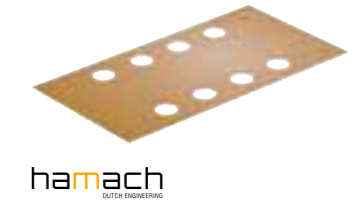
hamach
DUTCH ENGINEERING

Mini Sanding Sheet (8 Holes)
Hook & Loop 81 x 153 mm

Sanding sheets to use for dry sanding with Hamach dust extraction sanding tools.
Box of 50 sheets.

856080 (P80)
856100 (P100)
856120 (P120)
856150 (P150)
856180 (P180)
856220 (P220)
856240 (P240)
856280 (P280)
856320 (P320)
856360 (P360)

Non-woven material can be used for both wet and dry hand scuffing as well as with a sanding machine. Type A Very Fine (Red) is particularly appropriate for the roughening of unpainted plastics, plywood and aluminium. Type S Ultra Fine (Grey) is particularly effective for the roughening between coats when using 2-component paints and primers. Type A Micro Fine (Gold) is ideal for attaining the perfect finish. The material is flexible and follows the shape of the working surface.

Sanding paper for dry hand sanding or sanding machine.

Colad

Scuff Pads
150 mm x 230 mm

38000800 (Red Type A Very Fine)
38001500 (Grey Type S Ultra Fine)
20 pads in a box

Colad

Scuff Discs
Ø 150 mm

38500800 (Red Type A Very Fine)
38501500 (Grey Type S Ultra Fine)
10 discs shrink wrapped

Colad

Scuff Rolls
115 mm x 10 m

38200800 (Red Type A Very Fine)
38201500 (Grey Type S Ultra Fine)
38202000 (Gold Type A Micro Fine)
1 roll shrink wrapped

hamach
DUTCH ENGINEERING

Sanding Rolls
70 mm x 23 m

118040 (P40)
118060 (P60)
118080 (P80)
118100 (P100)
118120 (P120)
118150 (P150)
118180 (P180)
118220 (P220)

hamach
DUTCH ENGINEERING

Sanding Rolls
95 mm x 23 m

119040 (P40)
119060 (P60)
119080 (P80)
119100 (P100)
119120 (P120)
119150 (P150)
119180 (P180)
119220 (P220)

hamach
DUTCH ENGINEERING

Sanding Rolls
115 mm x 23 m

120040 (P40)
120060 (P60)
120080 (P80)
120100 (P100)
120120 (P120)
120150 (P150)
120180 (P180)
120220 (P220)

Colad

AirTec
Spot Blaster
3060

Pneumatic Spot Blaster. Removes rust, old paint layers, dust, etc. from steel. Suitable for concrete blasting due to enclosed spot nozzle. The unique Venturi system allows the used blasting material to be recycled through the filter bag.
Per piece (incl. one Spot Nozzle)

Colad

Nozzle Set
3070

Nozzle set for various applications, for the AirTec Spot Blaster 3060. Per set of 4 pieces.

Colad

Spot Nozzle
3080

Suitable for concrete blasting, for the AirTec Spot Blaster. Per piece.

Colad

Soft Flex Rolls
115 mm x 25 m
38950180 (P180)
38950240 (P240)
38950320 (P320)
38950400 (P400)
38950500 (P500)
38950600 (P600)
38950800 (P800)
38951000 (P1000)

Sanding paper on foam backing. Specially for sanding intricate parts. Can be used wet or dry. Roll of 25 m long with perforated pieces. Size of the perforated pieces 125 x 115 mm. In a dispenser box.

Colad

Foam Sanding Pads
38700100 (Medium)
38700180 (Fine)
38700220 (Super Fine)
38700280 (Micro Fine)

Highly flexible sanding pads for hand sanding. Can be used for wet or dry sanding to sand parts that machines cannot reach. Long-lasting product. Size: 115 x 140 mm. Box of 20 pads.

Colad

Prepping Paste
3800 (600 ml)

Prepping paste is used to simultaneously degrease, clean and sand the surface before painting. Recommended for application with Colad Scuff Pad S Ultra Fine Grey (Art. No. 38001500). This water based product is absolutely silicone free and does not harm the environment. 600 ml in a bottle.

Colad

Rubber Eraser Pad
021290

Specially designed to remove pinstripes, stickers & decals, car lettering, glue residue, attachment tape and foil from paint and chrome surfaces. The pad can withstand up to 4000 RPM and with included adapter it's suitable for use in any drilling machine.
2 pieces in a box, adapter included.

Colad

Viscose Sponges
9150

Viscose Sponges for washing or adding water during any sanding process. Dimensions 135 x 90 x 34 mm. 10 pieces in a plastic bag.

Colad

Easy2Check®
9300 (400 ml spray)

The most efficient and effective product to check for any irregularities while sanding panels. The 'glossy finish' helps detecting any defects or colour deviations. Spray the panel after the sanding process to check repaired surfaces on irregularities. Can also be used for spray sample checks!
400 ml per spray.

Colad

Control Powder
8035 (100 g)

Sanding guide to be used as a sanding control coat on fillers. This product is very economical in use and can be widely applied. Per box of 100 g and applicator in each box.

Colad

Surface Protection Tape
905050 (50 mm x 50 m)

For protection during sanding, grinding and light blasting jobs. Perfectly suited for the temporary wedging of glued windscreens.
1 roll in a plastic bag.

Colad

Control Spray
8030 (500 ml spray) (Black)

Sanding guide to be used on putties or primer surfaces before sanding. This spray helps to achieve a perfectly sanded surface without damaging adjacent zones. Can also be used as black matte if applied in several coats (2 - 3).
500 ml per spray.

hamach
Sanding Support Pad Hard
010027

(8 holes / 6 screws) Hook & Loop 200 mm. Per piece.

hamach
Sanding Support Pad Hard
010014

(8 holes / 8 screws) Hook & Loop 200 mm. Per piece.

hamach
Titanium Sanding Support Pad Hard
010861

(8 + 6 + 1 holes) Hook & Loop 150 mm. 5/6 thread. Per piece.

hamach
Sanding Interface Pad Soft
010047

(8 + 6 + 1 holes) Hook & Loop 150 mm. Per piece.

hamach
Sanding Support Pad Hard
010860

(8 + 6 + 1 holes) Hook & Loop 150 mm. Per piece.
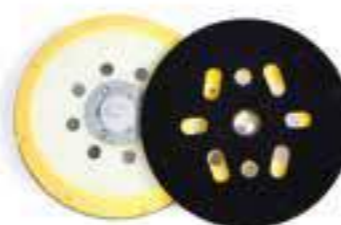
hamach
Sanding Support Pad Medium
010033

(6 + 1 holes) Hook & Loop 150 mm. 5/6 thread. Per piece.

hamach
Sanding Support Pad Hard
010018

(6 + 1 holes) Hook & Loop 150 mm. 5/6 thread. Per piece.

hamach
Sanding Support Pad Hard
009997

(6 holes) Hook & Loop 150 mm. Per piece.

hamach
Sanding Support Pad Hard
010056

(3 holes) Hook & Loop 76 mm. 5/6 thread. Per piece.

hamach
Sanding Interface Pad Soft
010058

(3 holes) Hook & Loop 76 mm. Per piece.

hamach
Soft Hand Pad HP 150
010098

Soft hand pad width 150 mm, flexible pad with hand tie. Suitable for hand sanding round surfaces and seams by hand. Per piece.

hamach
Flat Sanding Board PF 16 S
016398

Flat Sanding Board 70 x 400 mm. Sanding board with a plastic handle and rubber backing. Abrasive is secured with a clip. Per piece.

Colad
Hand Sanders
5140 (70 x 400 mm)
5150 (70 x 235 mm)
5160 (70 x 160 mm)

Sanding boards with a wooden handle, rubber backing and sanding foot made of aluminium and vinyl. Abrasive is secured with a clip. Per piece.

Colad
Sanding Cork
5200

Block made of cork for wet or dry sanding. Three layers of natural cork, sealed together. On one side the edges are sharp for precise application and on the other side the edges are shaped for optimal grip. Size: approx. 25 x 60 x 105 mm. Per piece.
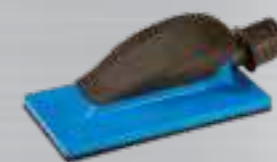
hamach
Hand Sanding Block HSB 85
010085

Hand sanding block - 80 x 153 mm. Plastic Hand Sanding block Hook & Loop and provided with dust extraction. Suitable for exhaust connection: 010088 Thin dust extraction hose 4 m, Ø 21 mm. Per piece.

hamach
Hand Sanding Block HSB 86
010086

Hand sanding block - 115 x 210 mm. Plastic Hand Sanding block Hook & Loop and provided with dust extraction. Suitable for exhaust connection: 010088 Thin dust extraction hose 4 m, Ø 21 mm. Per piece.

hamach
Hand Sanding Block HSB 87
010087

Hand sanding block - 70 x 400 mm. Plastic Hand Sanding block Hook & Loop and provided with dust extraction. Suitable for exhaust connection: 010088 Thin dust extraction hose 4 m, Ø 21 mm. Per piece.

hamach
Hose
010088

Thin dust extraction hose 4 m, Ø 21 mm. Per piece.

hamach
Hand Sanding Mouse HM 150
010094

Hand Sanding Mouse - 150 mm. Lightweight construction made of tough plastic. Developed for Ø 150 mm Sanding Discs, Hook & Loop. Per piece.

hamach
Hand Sanding Mouse HM Delta
010095

Hand sanding mouse - Delta. Lightweight construction made of tough plastic. Developed for the Delta Sanding Sheets, Hook & Loop. Per piece.

hamach
Hand Sanding Block SP 150 ST
010096

Hand sanding block – Ø 150 mm. Lightweight construction made of tough plastic. Developed for Ø 150 mm Sanding Discs, Hook & Loop. With dust extraction connection. Per piece.

THE ALPHA SERIES

Powerful random orbital sanders, very strong for intensive and demanding jobs.

• Always the required power in each rpm range
• Low air consumption
• Very low vibrations and noise level
• Provides optimum dust extraction
• Comfortable in use

Sanding pattern

Technical data
Alpha 3 & Alpha 5:
Air pressure: 6 - 8 bar
Air consumption: ca. 280 L/min
Speed: 6.500 RPM (6.3 bar)
Weight: 800 g
Sanding pad: 150 mm

Alpha 3 and 5 One-Hand Random Orbital Sander
000315 Alpha 3 Sanding Ø 3 mm
000314 Alpha 5 Sanding Ø 5 mm

One-Hand Random Orbital Sander pneumatic with a sanding pattern of 3 or 5 mm, to achieve the highest sanding capacity. Warranty 24 months.
One piece per box.

010861 Standard: Titanium Sanding Support Pad Hard Ø 150 mm
009942 Standard: Machine Oil
3680xxxxx Option: Sanding Discs Premium (8 + 6 + 1 Holes) 150 mm

THE HD SERIES

HD 75 One-Hand Spot Repair Sander and Polisher
2.4 mm - 75 mm
000217

A small and lightweight machine for sanding and polishing spot repairs. With dust extraction connection and low air consumption of 300 L/min. Warranty 12 months.

010056 Standard: Sanding Support Pad Hard Ø 76 mm
009942 Standard: Machine Oil
010057 Option: Foam Pad Ø 76 mm
010058 Option: Sanding Interface Pad Soft Ø 76 mm

Machine Oil
009942

HD 983 and HD 98 One-Hand Orbital Sander
000215 HD 983 2.4 mm - 150 mm pad
000214 HD 98 5 mm - 150 mm pad

Designed for sanding fine grits, paint, wood, mastic and primers. With vacuum connection for dust extraction. Warranty 12 months.

010861 Standard: Titanium Sanding Support Pad Hard Ø 150 mm
009942 Standard: Machine Oil
010033 Option: Sanding Support Pad Medium Ø 150 mm

Sander PHP 165 VD Planetary Pneumatic 150 mm
000240

Specially designed for the preparation process because of its very high sanding capacity. Equipped with a useful digital air pressure read-out.

010860 Standard: Sanding Support Pad Hard Ø 150 mm
009942 Standard: Machine Oil
009997 Option: Sanding Support Pad Hard Ø 150 mm

Sander PHP 300 VD Planetary Pneumatic 200 mm
000241

Specially designed for the preparation process because of its very high sanding capacity. The Ø 200 mm pad is designed for big surfaces. Equipped with a useful digital air pressure read-out.

010027 Standard: Sanding Support Pad Hard Ø 150 mm
009942 Standard: Machine Oil

Random Orbital Pneumatic Sander EHP 3 mm - 150 mm pad
000247 EHP 163 V - 3 mm - 150 mm pad
000248 EHP 165 V - 5 mm - 150 mm pad

Perfect tool for the final sanding process. Optimal performance with Ø 3 mm or Ø 5 mm. Equipped with a useful digital air pressure read-out.

010861 Standard: Titanium Sanding Support Pad Hard
              Ø 150 mm
009942 Standard: Machine Oil
010033 Option: Sanding Support Pad Medium Ø 150 mm

Orbital Pneumatic Sander EHP 300 V Random 5 mm - 200 mm pad
000249

Perfect tool for the final sanding process of large surfaces. Optimal sanding marks through the 5 mm sanding diameter. Equipped with a useful digital air pressure read-out.

010027 Standard: Sanding Support Pad Hard Ø 200
009942 Standard: Machine Oil

HAM 4300
000225

Drilling, grinding and polishing machine. Equipped with a quick release chuck. Drill bits are not included. The HAM 4300 comes in a blow moulded case.

009942 Standard: Machine Oil

DS 30 Random Orbital Micro Sander
2.5 - 30 mm pad
000220

Pneumatic random orbital sander for the elimination of paint defects in the top coat. Air consumption - 200 L/min.

022001 Standard: Sanding shoe (Hook & Loop)
022003 Standard: Sanding shoe (Hook & Loop)
009942 Standard: Machine Oil
022008 Option: Mini sanding pad (Hook & Loop)
022009 Option: Mini sanding pad (Adhesive)
4028xx Option: Micro-polishing discs (Hook & Loop)

hamach
DUTCH ENGINEERING

Sander DS 40 Random Orbital Micro 3.0 - 30 mm pad
000223

Pneumatic mini random orbital sander for efficient elimination of paint defects. Fast sanding.

022301 Standard: Mini pad (Hook & Loop) Ø 30 mm
009942 Standard: Machine Oil
022302 Option: Mini pad (Adhesive) Ø 30 mm
4028xx Option: Micro-polishing discs (Hook & Loop)

hamach
DUTCH ENGINEERING

DS 70 Rotating Polishing Machine 70 mm pad
000224

Compact Ø 70 mm pneumatic rotating polishing machine for efficient polishing of paint defects. Supplied in a carrying case with:

022401 Standard: Support pad (Hook & Loop) Ø 70 mm
010057 Standard: Foam pad Ø 76 mm
009942 Standard: Machine Oil

1.2.3.2 ELECTRIC MACHINES

hamach
DUTCH ENGINEERING

VH 914 V Mini Orbital Sander 2 mm - 200 W
000094X (in a carrying plastic case)

The Delta Sander has a modern design and perfect ergonomics. The powerful and lightweight motor makes this machine ideal for the decorative painter. Suitable for panels and profiled surfaces.

009217 Standard: Delta backing plate 98 x 144 mm (Hook & Loop)
858xxx Option: Delta Sanding Sheet (7 holes) (Hook & Loop)

hamach
DUTCH ENGINEERING

VH 77 V Orbital Sander 5 mm - 350 W Hook & Loop backing plate
000014X

Perfectly suited for multiple flat sanding tasks. Supplied with a dust extraction connection.

001438 Standard: Backing plate 115 x 208 mm with holes (Hook & Loop)
836xxx Option: Sanding Sheet (10 holes) Hook & Loop 115 x 230 mm
001403 Option: Adhesive rubber backing plate 115 x 208 mm with holes

hamach
DUTCH ENGINEERING

VH 77 V Orbital Sander 5 mm - 350 W Adhesive backing plate
000014Y

Perfectly suited for multiple flat sanding tasks. Supplied with a dust extraction connection.

001403 Standard: Adhesive rubber backing plate 115 x 208 mm with holes
836xxx Option: Sanding Sheet (10 holes) Hook & Loop 115 x 230 mm
001438 Option: Backing plate 115 x 208 mm with holes (Hook & Loop)

hamach
DUTCH ENGINEERING

Vacuum Cleaner HMV 3 EA
000791

Vacuum Cleaner 1200 W - 55 L/sec. Suitable for all light tools. Electric automatic switch (EA). Equipped with 12 L container.

009965 Standard: Hose 4 m
079101 Paper dust bag (1 piece)

HMV 6-L MOBILE VACUUM
A compact and powerful mobile vacuum cleaners line suitable for dry and liquid suctioning.

- 1400 W powerful engine
- Manually adaptable suction power
- Supplied with an intelligent start system
- Supplied with an automatic filter cleaning system
- L-certified (filtration rate of > 99.9%)

Need more capacity?
Central Dust Extraction information see chapter 7.

Performance:		Capacity:	
Pressure:	248 mbar	Gross:	25 L
Airflow:	60 L/sec.	Dust:	20 L
Noise level:	69 dB (A)	Liquid:	15 L

hamach
DUTCH ENGINEERING

Vacuum Cleaner HMV 6-L EA
000768

Vacuum Cleaner 1400 W - 60 L/sec. Underpressure 248 mbar. Noise level 69 dB (A). Electric Automatic switch (EA). Automatic start system, automatic filter cleaning. Suitable for vacuuming fluids. Warranty 24 months.

009965 Standard: Hose 4 m
077682 Standard: Double hose connector
076802 Standard: Dust bag (1 piece)

Optional
076801 Filter set 2 pieces
076802 Dust bags 5 pieces

hamach
DUTCH ENGINEERING

Vacuum Cleaner HMV 6-L EA/PA
000769

Vacuum Cleaner 1400 W - 60 L/sec. Underpressure 248 mbar. Noise level 69 dB (A). Electric Automatic switch (EA) + Pneumatic Automatic switch (PA). Automatic start system, automatic filter cleaning. Suitable for vacuuming fluids. Warranty 24 months.

009962Y Standard: Combihose 4 m
077682 Standard: Double hose connector
076802 Standard: Dust bag (1 piece)

Optional
076801 Filter set 2 pieces
076802 Dust bags 5 pieces

hamach
DUTCH ENGINEERING

**Vacuum Hose with Air Hose
and Couplings Ø 29 mm**
009968 (4 m)
009969 (8 m)

Vacuum Hose Ø 29 mm
009965 (4 m)
009966 (8 m)
009967 (15 m)

**Vacuum Hose with Air Hose
(no couplings) Ø 29 mm**
009962 (4 m)
009956 (6 m)
009963 (8 m)
009975 (10 m)
009977 (15 m)

**Vacuum Hose Ø 29 mm
Anti Static**

Conductive $< 10^6$ Ω
(according to DIN EN ISO 8031)
009958 (4 m)
009959 (8 m)

**Vacuum Hose Anti Static
with Air Hose (no couplings)
Ø 29 mm**

Conductive $< 10^6$ Ω
(according to DIN EN ISO 8031)
009958-1 (4 m)
009959-1 (8 m)

Vacuum Hose for Glass Ø 38 mm
079780 (2.5 m)

All vacuum hoses are supplied per piece.

hamach
DUTCH ENGINEERING

079786

079787

Dust bags supplied per 5 pieces.
Adaptors and accessories per piece.

077781

004995
For combihose.

077582

079701 Paper Dust Bag HMV 7
079101 Paper Dust Bag HMV 3

079783

077583

077784

079290 Fleece Dust Bag HMV 5
075790 Fleece Dust Bag HMV 2500
076802 Fleece Dust Bag HMV 6-L

004994
Adapter for hose
connection vacuum
cleaner, 31 mm.

004993
Adapter for hose
connection sander, 29 mm.

079182
For HMV 3/5/7.

077682
For HMV 6-L
EA / EA-PA.

SP1289
For HMV 6-L
EA / EA-PA.

REDUCE SANDING DUST
IN YOUR WORK ENVIRONMENT FOR:
• A HEALTHY WORK SPOT
• A PERFECT WORK RESULT

Hamach has top range dust extractions solutions
for industrial work processes (HCV, Central Vacuum
systems) and for crafts men that work with hand held
sanding machines (like orbital sanders).

hamach
DUTCH ENGINEERING

The Colad Pump Spray uses a unique Coding System to distinguish the different types of liquid content.

• Easy distinction and identification of fluids
• Helps maintain a clean and ordered workplace
• Complies with ISO certification where applicable
• Patented and innovative system

1 + 2 + 3

PUMP SPRAY SYSTEM

Pump Spray 1000 ml + Coding Rings®
9705

The Pump Spray is equipped with VITON O-rings to resist both water and/or solvent based degreasers and the spray mist is adjustable to fit your job perfectly. Including set of 6 Coding Rings + 2 Colour Identification Charts.

Wall Bracket
970506

Organise your workshop and use the Colad Wall Bracket to hang the Pump Spray on and have a central place for fluid identification. 2 pcs and connectable. Dimensions L x W x H (cm): 38 x 16.6 x 1.70 cm.

Pump Spray Promotion Package
970508

A complete package, including the new Wall Bracket. Ready to go! Do you want to distinguish easily different types of liquids, then buy now the unique Pump Spray in combination with the Pump Spray Coding System®. Content Colad Pump Spray Promotion Package: 3 x Pump Spray 1000 ml, 1 x Wall Bracket, 6 x Coding Rings®, 2 x Colour Identification Chart.

Pump Spray 1000 ml without Coding Rings®
9705Z
The Colad Pump Spray is equipped with VITON O-rings to resist both water and/or solvent based degreasers and the spray mist is adjustable to fit your job perfectly.

Pump Spray Coding Rings®
9705CR

Set of 6 coding rings including 2 Color Identification Charts. Easy to apply on your Pump Spray bottle. Helps you to identify the content quickly.

Pump Spray EPDM
9705EPDM

The Colad Pump Spray EPDM is equipped with (black) EPDM O-rings to resist DIFFERENT materials for example Acetone, Benzyl alcohol, Butanol (butyl alcohol), Castor oil A371, etc. see the RESISTENCE list for all liquids. Designed to fit perfectly to the paint job. The Colad Liquid Pump Action Spray Gun is silicone free. Container is transparent. Content: 1000 ml. Per piece.

Designed to eliminate dust on
any surface.

Colad

Non-woven Tack Rags
9180 per box of 10 pieces, in individual bags.
9181 1 piece in individual bag.

Recommended for small to medium dust particles.
Made of viscose and polyester. 2 sizes. Compact structure.
For use with water and/or solvent based coatings.
Natural binders (no solvents) so solvent compatible.
Lint free.

Colad

Tack Cloth Waterbased
000805

Small, medium and large dust particles. Made of viscose and
polyester. Size 61 x 37 cm. Combined compact and open
structure. For use with water and/or solvent based coating.
Can be applied as transition edge remover. Removes
imperfections on various substrates before spraying.
Lint free. Set of 10 pieces in a plastic bag.

Colad

Tack Rags Waffled
9175

High quality, large textured cotton cloth. Superior dust holding
capacity! The cotton wipe is specially designed to collect and
remove loose contamination such as dust, dirt, hair and lint from
surfaces. The Tack Rag is recommended for large dust particles
but also eliminates the smallest dust particles in an instant.
For pre-paint wiping of all surfaces. The size (unfolded: 81 x 92 cm,
folded: 14 x 17 cm) is more than enough for wiping of dust on a
large surface. Per piece packed in foil.

Colad

Tack Rags
9165

Recommended for medium to large dust particles. Made of cotton
gauze. Size 82 x 45 cm. Open structure. For use with water and/or
solvent based coatings. Naturally treated (no chemical treatment or
bleaching). Anti-static and lint free. Per box of 10 pieces in individual
bags.

Colad

Glass Scraper
9190

Scraper specially designed for the body shops, to remove the coat
on car windows if these have been sprayed accidentally. Will not
cause scratches. With 5 spare blades. Per piece.

9200 Option: A box with 20 pieces spare blades

1.3.4 DEGREASING WIPES

Colad

Non-woven Degreasing Wipes
B12686589

Non-woven degreasing wipes, easy to use in combination with the Colad pump spray system. Main
features: strong material, a minimum of loose fibres and super absorbent. Ideal for use with water and/or
solvent based degreasers. No traces at all are left behind on the cleaned surface. Allowing to carry out the
job efficiently without using paper. 200 pieces in a box. Dimensions 32.5 x 42 cm, folded in four.

1.3.5 WATERLESSWASH

Washing without water enhances your productivity!

**Cleaning panels just within a few minutes
without the need to drive to the car wash. Colad
WaterlessWash increases your productivity
by enabling you to clean car panels and/or
surfaces directly at the body shop. It saves up
to 15 minutes per repair job! You'll be done
washing in just a few minutes!**

- **Easy to use**
  Washing on the spot.
- **Easy and safe to use**
  Ready in three simple steps.
- **Efficient cleaning**
  Just clean the panel(s) that needs to be repaired.
- **Time saving**
  Save labor costs (up till 15 min. per car).
- **Environmental friendly**
  Save water/ reduce your eco-footprint.

How it works
- Apply WaterlessWash on the car panel, wait 30 seconds.
- Wipe WaterlessWash off with a damp cloth.
- Use a dry, clean Colad Micro Polishing Cloth to polish the
  surface to a high gloss.
- You are ready to start your repair work!
Note: Colad WaterlessWash is not a surface degreaser.
Always degrease properly before you start your repair!

Improved formula!

Colad

WaterlessWash
8000 (5 L can)

Colad Mixing Cups for paint preparation are made of polypropylene, because of the clearness of the cups the paint content and the mixing ratios are very visible from the inside of the cup.

It is designed for one way use, save cleaning time with the Colad disposable mixing cup.

THE PERFECT MIX!

AVAILABLE IN FIVE SIZES

COMPATIBLE WITH VARIOUS PAINT APPLICATION SYSTEMS

SOLVENT RESISTANT

ANTI-STATIC

STACKABLE TO SAVE SPACE

PRECISION PRINTED WITH 11 ACCURATE MIXING RATIOS:
1:1, 2:1, 3:1, 4:1, 5:1, 6:1, 7:1, 8:1, 9:1, 10:1, 11:1. *350 ml has 8 mixing ratios.

2 MEASURING SCALES in millilitres and fluid ounces.

FLAT BOTTOM

Mixing Cup 6 L
9425

Strong plastic 6 L mixing cup for industrial paint preparation. Engraved mixing ratio's. 40 pieces in a box.

Mixing Cups

	Quantity		
	120 pieces 4 x 30 pcs (plastic bag)	150 pieces 6 x 25 pcs (plastic bag)	300 pieces 6 x 50 pcs (plastic bag)
350 ml	-	9350150	9350300
700 ml	-	9370150	9370300
NEW: 900 ml	-	9390150	-
1400 ml	9400120	-	9400300
2300 ml	9410120	-	9410300

Mixing Cup Dispenser
94990350 (350 ml)
94990700 (700 & 900 ml)
94991400 (1400 ml)
94992300 (2300 ml)

Wall dispenser made of durable metal to hold Colad Mixing Cups. The Mixing Cups are easily dispensed one at a time, keeping them clean and free from dust and saving space in the mixing room. Per piece.

Mixing Cup Lids
9360 (350 ml)
9380 ((700 & 900 ml)
9480 (1400 ml)
9490 (2300 ml)
9425LID (6000 ml)

To cover the Colad Mixing Cups and to protect paint against dirt and dust. Easy application. 40 pieces in a box: 9425LID, 100 pieces in a box: all others.

Colad

Turbomix Paintsaver®
9500
937010 Wall Mount

Perfect consistency and pigment blend are crucial for a spotless end result. Mixing paint with the Turbomix Paintsaver® speeds up the process, reduces paint wastage and ensures a perfect result! Dimensions: 22 x 2 cm. Suitable for mixing cups up to 1400 ml. 512 pieces in a dispenser.

BREAK IT
(BEFORE YOU MIX)

1

2

TO SAVE PAINT
AND
PIGMENTS!

EXTRA STRONG & EXTRA LONG STIRRER 22 CM!

ERGONOMIC
HANDLE

DESIGNED TO ACHIEVE
THE PERFECT BLEND

ROUND

SUITABLE FOR ALL TYPES
OF MIXING CUPS
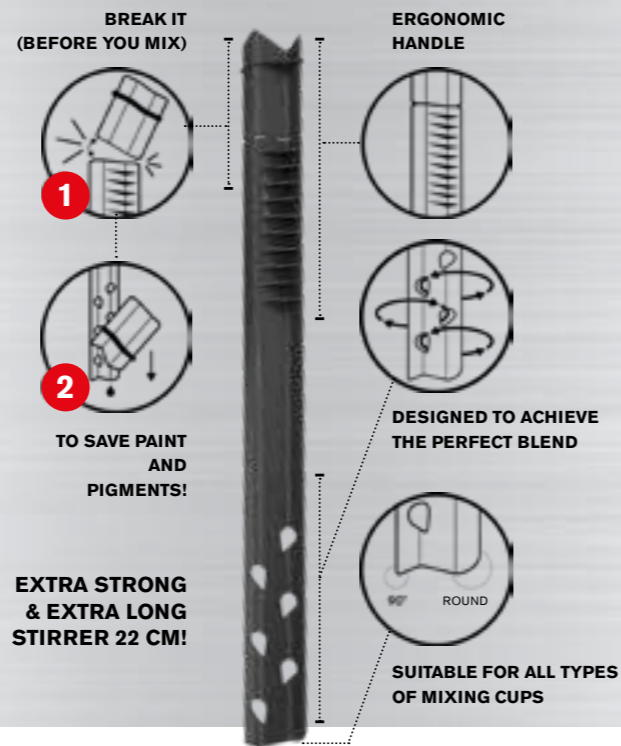
Colad

Turbomix Paddles XL
9520200

Plastic paddle made from recycled synthetic material. Easier stirring and better mixing due to the curved shape and holes. Dimensions: 30 x 3 cm, suitable for mixing cups of 1400 or 2300 ml. 200 pieces in a dispenser box.

1.4.3 PAINT CHECK

Colad

Easy2Check®
9300 (400 ml)

Spray on a spray sample to create a glossy finish and check if the colour corresponds. Can also be used for sanding checks! 400 ml spray.

Colad

Check Light
9330

A versatile work light with high efficiency LED (high CRI value) and an operating time up to 3 hours. Designed for perfect colour matching, scratch and defects recognition. The removable and replaceable lens enables daily cleaning for an accurate view. Warranty 24 months. Per piece.
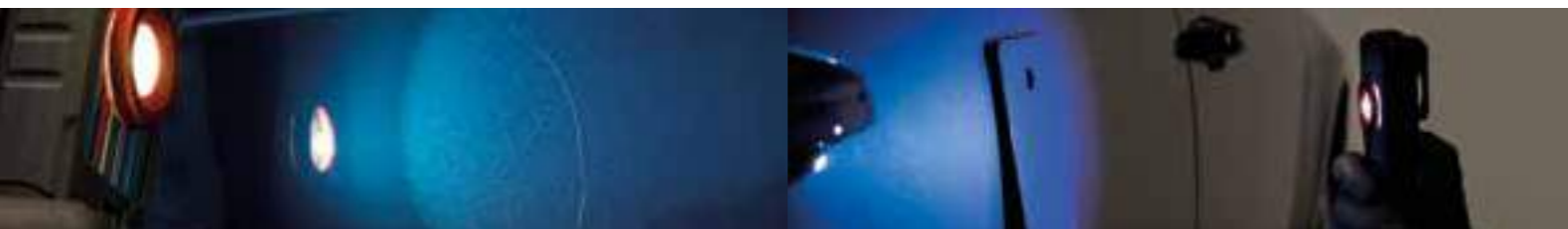
1.4.4 CUPS

Colad

Exchangeable Cups
9440 Box of 100 cups (2300 ml) +
4 Colad Iron Cans
9450 Box of 36 Iron Cans

Plastic mixing cups holding 2300 ml for quick exchange of paint types or colours for the house painter.

Colad

Insert Cup 2.5 L
9435

Always a clean Insert Cup for quick and easy change of paint colour or paint type. Equipped with extra wide, smooth edge to remove access paint from paint brush. The clear cups are engraved with mixing ratios of 2:1, 3:1, 4:1, 5:1, 10:1 and milliliters. Content 2.5 L. 120 pieces per box.

1.4.5 SPRAY SAMPLES

To test colour accuracy of both waterborne coatings and conventional coatings with a black stripe to indicate the degree of the colours' opaqueness and a 15 mm Ø hole to match the colour. Suitable for conventional and waterborne coatings.

Colad

Metal Spray Samples

9315 (white)
9315-01 (light grey)
9315-02 (medium grey)
9315-03 (dark grey)
Set of 750 pieces.

Colad

**Metal Spray Samples
with Magnetic Holder**

Set of 250 pieces:
9319 (white)
9319-01 (light grey)
9319-02 (medium grey)
9319-03 (dark grey)
9319-04 (all colours, 50 pieces/colour)

Colad

Magnetic Holder
931901
To keep your hands clean while spraying.

Colad

Spray Samples with Hole
9310

Paper card as spray sample provided with black and white stripes. A small hole in the card speeds up exact colour matching. Suitable for conventional and waterborne coatings. 250 pieces in a box with one holder.

Colad

Spray Sample Sleeves
9319SLEEVE
These small carton sleeves provide room for one painted Colad Spray Sample. Basic information of the date, car type, colour code and remarks can be listed on the sleeve. When stored, the colour is visible at a glance through the square hole in the front of the sleeve. Per set of 250 pieces.

Colad

Spray Sample Cabinet

Metal spray samples (white) equipped with solid cabinet: an ideal system for keeping your Metal Spray Samples neatly stored!

931801   Empty
9318   (931801 + 250 Metal Spray
              Samples)

The highest quality and quickest paint straining solution!

White - 90 micron Clear coat

Blue - 130 micron Water based coat

Green - 190 micron Conventional base coat

Red - 280 micron Primer

$1 + 2 =$

100% SYNTHETIC PAINT STRAINER SYSTEM
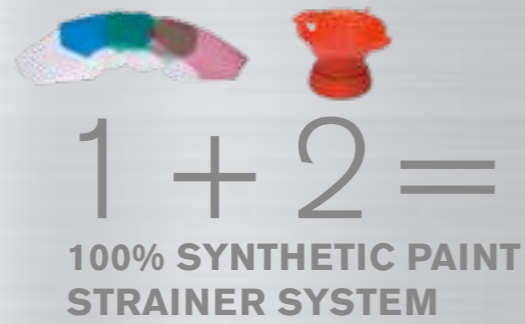
Colad

100% Synthetic Paint Strainers

Strainers in a dispenser box of 180 pieces.
10350090D White (90 micron)
10350130D Blue (130 micron)
10350190D Green (190 micron)
10350280D Red (280 micron)

Strainers in plastic bag of 180 pieces.
10350090 White (90 micron)
10350130 Blue (130 micron)
10350190 Green (190 micron)
10350280 Red (280 micron)

Colad

Spray Gun Holder
103511

Colad

Holder for Synthetic Paint Strainer
103505

Colad

Dispenser Box
103506

Colad

Paint Strainers 280 micron
1000
1000 pieces in box
1015
250 pieces in dispenser box

Strainers for high solid paints or primers made in paper with nylon mesh of 280 micron. Delivered either in plastic bag or in dispenser to keep the strainers perfectly clean.

Colad

Paint Strainers 400 micron
1010
1000 pieces in box

Strainers for high-solid paints or some primers, made in paper with nylon mesh of 400 micron.

Colad

Nylon Strainers 125 micron
1043
1000 pieces in box
10430250
250 pieces in dispenser box

Paper strainers for water-based paints, with 125 micron nylon mesh for fast and perfect filtering, delivered either in plastic bag or in dispenser to keep them perfectly clean.

Colad

Nylon Strainers 190 micron
1045
1000 pieces in box
10450250
250 pieces in dispenser box

Strainers for conventional paints made in paper with 190 micron nylon mesh, delivered either in plastic bag or in dispenser to keep them perfectly clean.

Colad

Paint Strainer Dispenser
101505

Wall dispenser made of strong plastic specially designed for the strainer dispensers (art. no. 1015, 10430250 and 10450250) to keep the strainers clean and easy to access. Per piece.

Colad

Paint Strainers for Gravity Feed Spray Guns
1090

100% plastic paint strainer, with 290 micron mesh to be used with gravity feed spray gun. 10 pieces in a bag.

Colad

Spray Gun Strainer Large
1070

100% plastic paint strainer, large sized with 120 micron mesh to be used with suction or airless spray gun. 12 pieces in a bag.

Colad

Cup Strainers
1080

Strainers, 250 micron, made of plush-free perlon, solvent resistant, to be placed on the top of a gravity cup of a spray gun. 20 pieces in a box.

Colad

Paint Strainer Stand
1040

Paint strainer stand made of a strong metal construction to hold strainers over a suction cup or a spray gun to keep hands free. Per piece.

Colad

Cup Strainers
1093 (90 micron)
1094 (130 micron)
1095 (190 micron)
1096 (280 micron)
1097 (375 micron)

Rigid plastic strainer with various meshes for primer and all kinds of industrial or car paints. 90 and 130 micron for clear coats and water based coatings. 190 and 280 micron for both conventional and water based coatings. 375 micron for Ultra High Solid materials. Can be washed and used several times. 6 pieces in a plastic bag.

1.4.7 MISCELLANEOUS

Colad

Touch Up Bottle Set
9186

Provide your client with a paint specimen so that they can touch up minor damage themselves. 100 touch up bottles 30 ml, 100 lids with built-in brush, 200 metal mixing balls to obtain thorough mixture, self adhesive labels for your companyname and a funnel.

Colad

Dispenser Bottle 1000 ml
9700

1000 ml plastic bottle for dispensing special diluent to waterborne coatings. Equipped with a fine, "drop by drop" nozzle. Per bottle.

The fastest paint application system for all types of paint!

Colad introduces the Snap Lid System®, the fastest and easiest paint application system on the market. Save effort, time and money in just two simple steps. Mix, Snap and Go!

• **Fastest system**
  Save time and money by using the mixing cup as a paint cup.
• **Easy-to-use**
  Complete system with attuned components.
• **Four filters available**
  Suitable for clear coatings, waterborne coatings, conventional based coatings and for primers.

MIX SNAP GO

1 **Unique valve system**
To prevent a vacuum and guarantee stable paint flow.

2 **Reinforced lid**
For fast and easy closure and leak prevention.

3 **Secure and tight thread**
For a stable and watertight connection to the spray gun.

4 **Matching adapter**
Suitable for most types of spray guns.

Colad SNAPLID SYSTEM

700 ml   350 ml

Snap Lid® Dispenser Box
50 pieces of Snap Lids with built in strainer of one micron size in a handy dispenser box. Suitable for the 350 ml (new) or 700 ml Colad Mixing Cup. The dispenser box is easy to mount at working height with the Colad Snap Lid Wall Mount art.nr. 937010.

9350xxxSL - 350 ml lids with strainer
9370xxxSL - 700 ml lids with strainer

Snap Lid System®
50 pieces of Snap Lids with built in strainer of one micron size. Suitable for the 350 ml (new), 700 or 900 ml Colad Mixing Cup + 50 pieces Colad Mixing Cups of 350 ml, 700 or 900 ml Colad Mixing Cups.

9350xxxSLS - 350 ml mixing cups + lids with strainers
9370xxxSLS - 700 ml mixing cups + lids with strainers
9390xxxSLS - 900 ml mixing cups + lids with strainers

Snap Lid System® overview

Filter types	White	Blue	Green	Red
Filter in micron/µm	90 micron clear coating	130 micron waterborne coating	190 micron conventional based coating	280 micron primer
50 lids for 350 ml Colad Mixing Cups	9350090SL	9350130SL	9350190SL	9350280SL
50 lids for 350 ml Colad Mixing Cups + 50 Colad Mixing Cups 350 ml	9350090SLS	9350130SLS	9350190SLS	9350280SLS
50 lids for 700 ml Colad Mixing Cups	9370090SL	9370130SL	9370190SL	9370280SL
50 lids for 700 ml Colad Mixing Cups + 50 Colad Mixing Cups 700 ml	9370090SLS	9370130SLS	9370190SLS	9370280SLS
NEW: 50 lids for 900 ml Colad Mixing Cups + 50 Colad Mixing Cups 900 ml	-	9390130SLS	9390190SLS	-

(Left margin labels: 350 ml:, 700 ml:, 900 ml:)

Snap Lid® Sealing Caps
9370CAP
Seal your Colad Snap Lid temporarily with a Snap Lid Sealing Cap. The cap fits perfectly on top of the Snap Lid when removed from the spray gun. Use a second Snap Lid Sealing Cap to seal your adapter and keep the paint channel dust-free. Packed in a plastic bag with 100 pieces.

Snap Lid® Wall Mount
937010
Easily mount your Snap Lid Dispenser Box to the wall at working height with this Snap Lid Wall Mount. Attach to the wall with Colad Double Faced Acrylic Foam Tape or use two screws. Per piece.

Adapters for the Snap Lid System®
Matching adapters are available for most types of spray guns. Most popular adapters are articlenumbers: 9370A04, 9370A09 and the 9370A11. Do you have a question about the right adapter, please ask your local dealer.

Snap Lid System® UV Resistant
9370190SLSUV
9370280SLSUV
This UV blocking Snap Lid is specially designed for the processing of UV curing coatings.

hamach
Spray Gun Holder
000829
Suitable for two spray guns, suction and gravity feed guns. Multifunctional, removable and supplied with magnets to be fixed in the spray booth wall. Per piece.

hamach
Blow Off Nipple
000882
Blowing gun to eliminate dust over surface. Covered by rubber to protect the surface. Air connection 1/4". Per piece.

Hamach offers professional gravity Spray Guns with HVLP (High Volume Low Pressure) technology for excellent performance. Delivered in practical plastic cases. Accessories are also included.

hamach
SSG Spray Gun
000880 (Ø 1.2 mm)
000883 (Ø 0.8 mm)
000884 (Ø 1.0 mm)

The Spot Spray Gun (SSG) has been specifically designed for the more compact spraying of smaller objects. The SSG features HVLP (High Volume Low Pressure) spray technique. Per piece in a carrying case.

hamach
ESG Spray Gun
000885 (Ø 1.3 mm)
000886 (Ø 1.5 mm)
000887 (Ø 1.8 mm)
000889 (Ø 2.0 mm)
000890 (Ø 2.5 mm)

The Economic Spray Gun (ESG) is perfectly suited to the highly demanding professional. Infinitely variable adjustment possible for both round and flat spray control. The ESG features HVLP (High Volume Low Pressure) spray technique. Per piece in a carrying case.

OneStepReady
Covers the entire polishing process from fine sanding at the start to remove scratches, to a high gloss finish.

• One step polishing compound: efficient in use, you only need one sponge and one polishing material
• Works excellently with both old and new coatings
• Can be used on all kinds of painted surfaces
• Non-solvent based

Colad
OneStepReady
8700 (1 kg bottle)
8725 (250 g bottle)

Advanced Cut
An harsh cutting compound that removes aggressive scratches, defects and surface imperfections in an instant!

• A quick solution for aggressive scratches and paint defects
• Not affecting clear coats, plastic & rubber parts so no need for time consuming masking
• Solvent free

Colad
Advanced Cut
8600 (1 kg bottle)

1 SCRATCH   **2** POLISH   **3** READY

1.6.2 OPTIMUS

Optimus
A quick and safe solution for solving small paint defects. Can be used preliminary to the polishing process, to achieve a high gloss result and decrease the polishing time.

• A multifunctional, flexible abrasive
• The perfect solution on sanding angled and edged surfaces
• Limits the risk of pressure marks
• Suitable for both wet and dry sanding by machine and by hand

Colad
Optimus

3881000 (Grit 1000)
3882000 (Grit 2000)
3883000 (Grit 3000)
3884000 (Grit 4000)
20 pieces per box.

FLEXIBLE INTERFACE LAYER

DURABLE SILICONE CARBIDE GRAIN

Ø 150 MM

HOOK & LOOP BACKING

OPEN FOAM STRUCTURE

15 mm
12 mm

1 + 2 + 3 =
CLEAN PAD SYSTEM
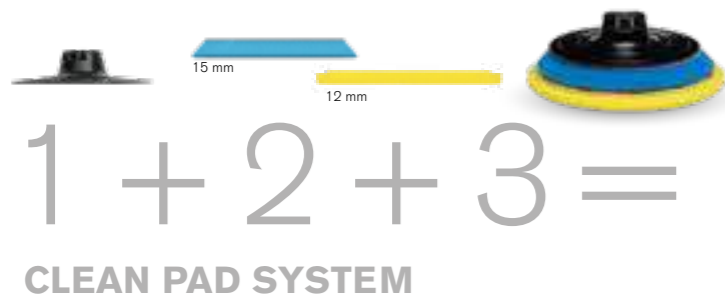
Ultra-thin polishing pads for the perfect finish!

• Washable, so a 100% clean start of each job
• Only 12 mm thick Clean Pads
• Hologram-free performance
• High durability
• Immediate savings & best results
In a box of 5 pieces.*

Colad
Clean Pads
8810 12 mm Hard (Yellow)*
8820 12 mm Medium (White)*
8830 12 mm Soft (Black)* €
8840 15 mm Interface Pad, per piece.

1
POLISH

2
WASH

3
NEW PROJECT

Colad
Hard Foam Pad
010050 (150 mm)

For hard jobs when you need to fix minor scratches. Per piece in a bag.

Colad
Medium Foam Pad
010051 (150 mm)

To polish old paints and areas without gloss. Per piece in a bag.

Colad
Soft Foam Pad
010052 (150 mm)

To get the highest gloss. Per piece in a bag.

Colad
Foam Pad
010057 (76 mm)

Foam pad medium for all kind of small jobs. Per piece in a bag.

Colad
Hard Foam Pad
010053 (200 mm)

For hard jobs when you need to fix minor scratches. Per piece in a bag.

Colad
Medium Foam Pad
010054 (200 mm)

To polish old paints and areas without gloss. Per piece in a bag.

Colad
Soft Foam Pad
010055 (200 mm)

To get the highest gloss. Per piece in a bag.

Colad
Support Pad M-14 Hook & Loop
010034 (160 mm)

Pad screw M-14 to use with Foam 010053, 010054 and 010055. Per piece in a bag.

Colad
Support Pad 5/8 Hook & Loop
010038 (160 mm)

Pad screw 5/8 to use with Foam 010053, 010054 and 010055. Per piece in a bag.

Colad
Support Pad M-14 Hook & Loop
010037 (115 mm)

Pad for use with Foam 010050, 010051 and 010052. Per piece in a bag.
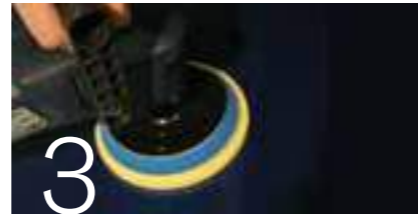
Colad
Polishing Cloth
B12686579

Non-woven cloths made to polish any kind of surface without scratching or leaving traces. Without any additives is ideal for polish chrome, glass and interior details. Cloth dimension 40 x 36.5 cm. Roll with 275 cloths pre-cut in a dispenser carton.

Colad
Micro Polishing Cloths
8800

Very smooth cloths to clean rests of polishing material and puts the finishing touch to the surface. Re-useable: up to 500 wash cycles (60°C). Bag with 4 pieces.

hamach DUTCH ENGINEERING
Micro Polishing Discs
402815 (P1500, 35 mm, Hook & Loop)
402820 (P2000, 35 mm, Hook & Loop)
402825 (P2500, 35 mm, Hook & Loop)
100 discs in a box.

hamach DUTCH ENGINEERING
Mini Sanding Block
010084 (Ø 30 mm)

Small sanding blocks with Hook & Loop and self-adhesive face for micro sanding. Perfectly suited to be used with Ø 30 mm sanding discs to remove dust particles or small irregularities from the paint surface. Per piece.

1.6.5 SPOT REPAIR POLISHING SYSTEM

The removal of small pits and scratches was never easier.

Locate the defect and sand it lightly. Then simply polish away the defect with our one step polishing compound OneStepReady. The quick and easy solution for removal off small defects.

1 + 2 + 3 =
SPOT REPAIR POLISHING SYSTEM

1
hamach DUTCH ENGINEERING

Sand the defect with the mini sanding block or DS 30, selecting the grit according to the characteristics of the defect.

010084 Mini Sanding Block 30 mm
        (Hook & Loop & Adhesive)
000220 DS 30 Random Orbital Micro Sander
        2.5 mm – 30 mm pad
402815 P1500
402820 P2000
402825 P2500

2
Colad

Polish the surface with OneStepReady polishing compound, using the DS 70 in combination with the 76 mm foam pad or mini polishing sheep skin.

000224 DS 70 Rotating Polishing
        Machine (70 mm)
8700   OneStepReady polishing
        compound (1 kg)
010057 Foam Pad (Hook & Loop) 76 mm

3
Colad

Remove the abundant material with the Micro Polishing Cloths.

8800
Micro Polishing Cloths

Improved fit and higher comfort!

BODYGUARD®
For a full day of working comfort and protection!

BodyGuard®

The Colad BodyGuard® Overall provides optimum protection against overspray and prevents pollution of the paint job by fibres, dust and lint.

Designed with the user in mind!
To guarantee you a full day of working comfort, this updated BodyGuard® responds to the experiences of our users. We improved the antistatic capacity with a different type of fabric and redesigned the hood for a better fit!

Personal Protective Equipment (PPE)
Category I according to European Directive 2016/425 - Basic PPE protects against minimal risks. Protects against non-hazardous chemicals, like waterbased paints or harmless cleaning detergents.

Colad

BodyGuard® Premium Comfort Spray Overall

520046 (size 46)	520050 (size 50)	520054 (size 54)	520058 (size 58)	520062 (size 62)
520048 (size 48)	520052 (size 52)	520056 (size 56)	520060 (size 60)	520064 (size 64)
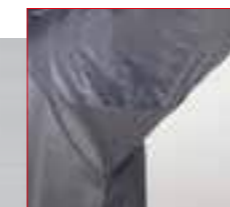
1% carbon thread for higher antistatic capacity!

Spacious but fitted hood for a more comfortable fit!

Still the best fit and highest comfort!

As you are used to, the BodyGuard® has:
- Ultimate heat release capacities
- A highly durable blind zipper
- Durable grey nylon fabric
- Soft, flexible cuffs
- Two back pockets
- Extra movability

According to 1149-3, Method 2: Induction decay time.

BEST PROTECTION
- Anti Static Coating (EN 1149-1:2006)
- Dust and Lint free
- Protects against overspray
- Tight fit to neck, sleeves and ankles cuffs

HIGH PERFORMANCE
- Perfect fit for all sizes
- Maximum movability
- Efficient body heat loss
- Comfortable for the entire working day

DURABILITY
- Durable, protected zipper

ATTRACTIVE APPEARANCE
- Grey colour
- Non-transparent
- Representative appearance

2.1 PAINT OVERALLS

EN 1149-5

According to 1149-3,
Method 2: Induction decay time.

Colad

Nylon Spray Coat

510148 (size 48)
510152 (size 52)
510156 (size 56)
510160 (size 60)
510164 (size 64)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. One spray coat in a box. Personal Protective Equipment (PPE) category I according to European directive 2016/425 – Basic PPE protects against minimal risks.

Protects against non-hazardous chemicals, like waterbased paints or harmless cleaning detergents.

Colad

FR Spray Overall

512548 (size 48)
512552 (size 52)
512556 (size 56)
512560 (size 60)
512564 (size 64)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. A flame retardant product to be used when regulations require. One overall in a plastic box. Personal Protective Equipment (PPE) category I according to European directive 2016/425 – Basic PPE protects against minimal risks.

Protects against non-hazardous chemicals, like waterbased paints or harmless cleaning detergents.

EN 1149-5

According to 1149-3,
Method 2: Induction decay time.

EN 1149-5

According to 1149-1,
Method 1: Measurement of surface resistivity.

Colad

Carbon Spray Overall

511748 (size 48)   511758 (size 58)
511750 (size 50)   511760 (size 60)
511752 (size 52)   511762 (size 62)
511754 (size 54)   511764 (size 64)
511756 (size 56)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White with carbon thread to prevent distortion of colour vision, very resistant and well ventilated. The carbon is added to reduce static electricity. One overall in a box. Personal Protective Equipment (PPE) category I according to European directive 2016/425 – Basic PPE protects against minimal risks.

Protects against non-hazardous chemicals, like waterbased paints or harmless cleaning detergents.

Colad

Disposable Overall

530048 (S - size 48)
530052 (M - size 52)
530056 (L - size 56)
530060 (XL - size 60)
530064 (XXL - size 64)
Per piece in a plastic bag.

Disposable overall for single use. Provides optimum protection against non-hazardous chemicals and protects the paint job against fibres, dust and lint. The overall is white to prevent distortion of colour vision. Water and dust resistant. Seals tightly due to the elastic in the hood, ankles and cuffs. Zipper fastening at the front. Personal Protective Equipment (PPE) Category I according to European directive 2016/425 – Basic PPE protects against minimal risks.

Protects against non-hazardous chemicals, like waterbased paints or harmless cleaning detergents.

Colad

Nylon Spray Overall

510046 (size 46)   510058 (size 58)
510048 (size 48)   510060 (size 60)
510050 (size 50)   510062 (size 62)
510052 (size 52)   510064 (size 64)
510054 (size 54)   510066 (size 66)
510056 (size 56)   510068 (size 68)

For use during paint jobs to protect the wearer against paint spray and to protect the paint job against fibers, dust and lint. White to prevent distortion of colour vision, very durable and well ventilated. One overall in a box. Personal Protective Equipment (PPE) category I according to European directive 2016/425 – Basic PPE protects against minimal risks.

Protects against non-hazardous chemicals, like waterbased paints or harmless cleaning detergents.

EN 1149-5

According to 1149-3,
Method 2: Induction decay time.

2.2 GLOVES

GLOVE CHARACTERISTICS

Colad offers a complete range of gloves, suitable for all steps in the paint process. We categorize three types of gloves for different steps in the paint process: preparation, painting and cleaning.

EN standards
All our gloves are tested in accordance with various EN standards.
Below you will find more information about our EN standards:

EN 388:2003

Mechanical risks
These gloves offer protection against mechanical risks. The EN 388:2003 test indicates the abrasion, blade cut, tear and puncture resistance.

EN 374-2:2003

Penetration resistance
These gloves are tested on penetration resistance to guarantee that they are leak proof. This is indicated by the EN374-2:2003 or EN374-2:2014 logo.

EN 374-1:2003

Resistance against chemical splashes
These gloves are tested on resistance of chemical splashes, like overspray. A table with the glove indicates the chemicals and the matching resistance time.

EN 374-1:2003

Dipping resistance
These gloves are tested on resistance of chemical dipping / full chemical contact. The EN 374-3:2003 test indicates the chemicals (each type is marked with a specific letter) and the matching resistance time.

EN 1149-5

Anti-static
Are gloves marked with the anti-static logo have anti-static properties, tested according to EN1149-3 Method 2: Measurement of induction decay time.

Gloves sizing chart	
Measurement	**Glove size**
8 cm	M
9 cm	L
10 cm	XL
11 cm	XXL

Sizing chart
Easily find your correct size of gloves using the sizing chart. Measure the space between the red lines (in cm) and look up the corresponding glove size.

PREPARATION

For disassembly, assembly and preparation we provide you with the Colad Nylon Preparation Gloves. Colad Nylon Preparation Gloves offer protection against mechanical risks. The EN 388:2003 test indicates the abrasion, blade cut, tear and puncture resistance.

Colad

Nylon Preparation Gloves

534000 (size M)
534002 (size L)
534004 (size XL)

Provides excellent protection against cuts and scratches. Durable nylon, very comfortable with great grip. Recommended for sanding and assemble-disassemble processes.

Tested acc. EN388:2003		
	Abrasion resistance	Level 4
	Blade cut resistance	Level 1
	Tear resistance	Level 0
4101	Puncture resistance	Level 1

CE Notified body number: 0075

PAINTING

Colad disposable nitrile gloves are especially developed for use during the paint process, offering comfort and protection for the user and protection against paint contamination.

User protection
Not just any glove is suitable to be used in the paint process, when working with paints protection of the painter is of upmost importance.

Protecting the paint
Next to offering protection for the user, it's also vital that gloves protects the paint from contamination.
Paint is next to labour the most expensive component in a paint processing company. Nitrile gloves in general protect the paint from hairs, skin fibres & skin grease getting in contact with the paint. Colad gloves itself are developed to create the most ideal circumstances to work with paint.

Characteristics
Our Colad Disposable Nitrile Gloves are produced with a variety of characteristics. Below you can find more specific information. Each product on the following pages is marked with the applicable properties.

Natural latex free
Our gloves marked with the latex free logo are natural latex-free. Absolutely safe to wear for people with a latex allergy.

Single use
Our gloves marked with the 'single use' logo are designed to be disposed after use. This prevents contamination and guarantees clean working.

Silicone free
Our gloves marked with the silicone-free logo are designed to be silicon free. This prevents contamination of the paint.

Powder free
Our gloves marked with the 'powder free' logo are washed 3 times during production. This makes them 100% powder free to prevent paint contamination.

Colad
Disposable Nitrile Gloves Grey
This extra thick and extra strong nitrile glove is powder, silicon and latex free. It combines extra protection with extra comfort due to its high elasticity.

• Thickness 8 mil (0.2 mm)
• Extra strong, extra flexible and higher tensile strength
• Extra long sleeves (300 mm) and textured surface for better grip
• Especially suitable for working with paints and solvents
• Produced without zinc, solphur and accelerant to maintain the environment

538000 (size M)
538002 (size L)
538004 (size XL)

Dispenser box with 50 gloves.

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

CE Notified body number: 0321

EC Type examination test results

Tested in accordance with EN374-2:2003	Performance level	AQL	Inspection levels
Specified: Level 2 (AQL<1.5) acc. to producer	Level 3	< 0.65	G1
	Level 2	< 1.5	G1
	Level 1	< 4.0	S4

Tested acc. to EN374-3	N-heptane 99% - Level 6 Sodium Hydroxide 40% - Level 6	
	Level 1: > 10 minutes	Level 4: > 120 minutes
	Level 2: > 30 minutes	Level 5: > 240 minutes
	Level 3: > 60 minutes	Level 6: > 480 minutes

Tested acc. to EN 1149-3, Method 2: Induction decay time.
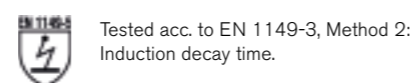
Colad
Disposable Nitrile Gloves Black
Not just any glove is suitable for use in the painting process. When working with paints, protection of the painter is of the utmost importance. Besides providing protection for the user, it's also vital that gloves protect the paint from contamination. Paint is, together with labour, the most expensive component in a paint processing company. Colad nitrile gloves prevent hairs, skin fibres and skin grease from coming into contact with the paint and protect the user against chemical splashes.

• Thickness 6 mil (0.15 mm)
• Long sleeve (length 285 mm)
• Textured finger tips for better grip
• Free of powder, silicone and latex to prevent skin allergies
• Especially suitable for working with paints and solvents

Dispenser box with 60 gloves.   Dispenser box with 400 gloves.

536000 (size M)   536400 (size M)
536002 (size L)   536402 (size L)
536004 (size XL)   536404 (size XL)
536006 (size XXL)

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

EC Type examination test results

CE Notified body number: 0321

Tested in accordance with EN374-2:2003	Performance level	AQL	Inspection levels
Specified: Level 2 (AQL<1.5) acc. to producer	Level 3	< 0.65	G1
	Level 2	< 1.5	G1
	Level 1	< 4.0	S4

Tested acc. to EN374-3	N-heptane 99% - Level 3 Sodium Hydroxide 40% - Level 6	
	Level 1: > 10 minutes	Level 4: > 120 minutes
	Level 2: > 30 minutes	Level 5: > 240 minutes
	Level 3: > 60 minutes	Level 6: > 480 minutes

Tested acc. to EN 1149-3, Method 2: Induction decay time.
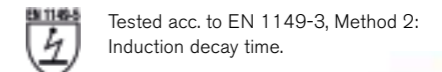
Colad
Gloves Dispenser for 400 pieces
5364D

Wall dispenser only suitable for Colad Disposable Nitrile Gloves Black art. no. 53640x. Per piece.

Colad
Gloves Dispenser
5390

Wall dispenser box for Colad disposable gloves. Only suitable for Colad Disposable Nitrile Gloves Black and Blue. Per piece.

Colad
Disposable Nitrile Gloves Blue
A solvent-resistant quality glove that provides excellent protection.

• Thickness 4.5 mil (0.115 mm)
• Sleeve length 245 mm
• Textured finger tips for better grip
• Free of powder, silicone and latex to prevent skin allergies
• Especially suitable for working with paints and solvents

530904 (size M)
530900 (size L)
530902 (size XL)

Dispenser box with 100 gloves.

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

EC Type examination test results

CE Notified body number: 0321

Tested in accordance with EN374-2:2014	Performance level	AQL	Inspection levels
AQL < 1.5 (Level 2) acc. to producer	Level 3	< 0.65	G1
	Level 2	< 1.5	G1
	Level 1	< 4.0	S4

Tested acc. to EN374-3	Sodium Hydroxide 40% - Level 6	
	Level 1: > 10 minutes	Level 4: > 120 minutes
	Level 2: > 30 minutes	Level 5: > 240 minutes
	Level 3: > 60 minutes	Level 6: > 480 minutes

CLEANING

Colad

For cleaning with various chemicals, Colad advises to use their Industrial Nitrile or Neoprene gloves. These Gloves are fitted with a soft, anti-allergic liner that prevents allergies and strengthens the gloves. Both Colad gloves are tested according to EN 374-1-:2003, EN 374-2:2003, 388:2003 and EN 374-3:2003 which means they are leak-proof, protect against mechanical risks and chemical dipping (full contact).

Colad

Industrial Neoprene Gloves

Resistant to most chemicals (frequent usage). Excellent grip and suitable for multiple use. Per pair.

5310004 (size M)
5310000 (size L)
5310002 (size XL)

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

CE Notified body number: 0120

Tested acc.		
4110	Abrasion resistance	Level 4
	Blade cut resistance	Level 1
	Tear resistance	Level 1
	Puncture resistance	Level 0

Tested in accordance with EN374-2:2003	Performance level	AQL	Inspection levels
Specified: Level 2 (AQL<1.5) acc. to producer	Level 3	< 0.65	G1
	Level 2	< 1.5	G1
	Level 1	< 4.0	S4

Tested acc.				
EN 374-1:2003	A: Methanol	Level 3	J: N-Heptane	Level 2
	B: Acetone	Level 3	K: Sodium hydroxide 40%	Level 6
	I: Ethyl acetate	Level 3	L: Sulphuric acid 96%	Level 4
ABIJKL	Level 1: > 10 minutes		Level 4: > 120 minutes	
	Level 2: > 30 minutes		Level 5: > 240 minutes	
	Level 3: > 60 minutes		Level 6: > 480 minutes	

Colad

Industrial Nitrile Gloves

Recommended when you are in continuous contact with solvents. Resistant to most chemicals. Excellent grip and moulded to the contours of the hand. Highly comfortable and suitable for multiple use. Per pair.

5330004 (size M)
5330000 (size L)
5330002 (size XL)

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

CE Notified body number: 0120

Tested acc.		
4101	Abrasion resistance	Level 4
	Blade cut resistance	Level 1
	Tear resistance	Level 0
	Puncture resistance	Level 1

Tested in accordance with EN374-2:2003	Performance level	AQL	Inspection levels
Specified: Level 2 (AQL<1.5) acc. to producer	Level 3	< 0.65	G1
	Level 2	< 1.5	G1
	Level 1	< 4.0	S4

Tested acc.				
EN 374-1:2003	A: Methanol	Level 2	K: Sodium hydroxide 40%	Level 6
	J: N-Heptane	Level 6	L: Sulphuric acid 96%	Level 3
AJKL	Level 1: > 10 minutes		Level 4: > 120 minutes	
	Level 2: > 30 minutes		Level 5: > 240 minutes	
	Level 3: > 60 minutes		Level 6: > 480 minutes	

2.3 HAND CLEANERS AND PROTECTION

Colad

Hand Cleaner Extreme

8240 (300 ml)

Extremely powerful hand cleaner with natural scrubbing particles. Ideal for quickly cleaning of extreme soiling. It's unique product formulation easily removes stubborn soiling like paint, ink, resins, silicones, adhesives and sealants. Cleans and cares, prevents skin irritation. Natural scrubbing particles.

Colad

Skin Care Cream

8236 (250 ml)

Quickly absorbed by the skin, moisturizes the skin, prevents the skin from drying out and silicone free. Frequent use helps the skin to recover, leaving it smooth and supple. Use it after each working day! Apply the Skin Care Cream on dry and clean hands. Rub the cream on the hands until it is absorbed by the skin for maximum skin recovery. Dermatologically tested. Bottle 250 ml.

Colad

Hand Cleaner Dispenser 2 L

8265 - Dispenser 2 L
8260 - Refill 2 L

The user-friendly designed Colad dispenser ensures a controlled measured dose with each hand wash. Use in combination with the Colad Hand Cleaner Refill (art. no. 8260) suitable for the dispenser.

Colad

Hand Cleaner

8235 (300 ml)
8290 (3.8 L)

A powerful Hand Cleaner, especially developed for quick removal of daily soiling. Moisturizes hands and prevents skin irritation. Removes easily soiling's like grease, ink, adhesive, oil and paints. Contains natural scrubbing particles.

Colad

A2P3 filters inclusive built-in pre-filter

5021

Set of 2 A2P3 filters with built-in pre-filter. For respirator art. no. 502100. Use the filters for maximum 40 hours, then replace the filters. The filters comply with EN 14387 (Gas Filters and Combined Filters) and are CE-marked: 0082. Package: per 2 pcs.

Colad

Safety Goggles

5085

Adjustable safety goggles with polycarbonate lenses. Provide optimum protection and clear vision while working. Frame: CE SGI 166 F. Lens: CE 2C-1.2 SGI 1F. Optical class: 1 (suitable for continues use). Mechanical strength: F (impact protection against particles with high speed and low energy – 45 m/s). EN 166 safety specification. Per piece.

Personal Protective Equipment (PPE) CAT II according to European directive 2016/425. PPE of intermediate design, protecting against intermediate risks to health.

Colad

Fine Dust Mask P2 with Valve and Active Carbon

5425

High protection against dust particles (P2). Fitted with an adjustable nose-clip and an exhalation valve for increased comfort. The carbon eliminates unpleasant odors. Complies EN 149:2001+A1:2009 FFP2, CE-marked: 0086. Box with 15 masks.

Colad

Respirator with A2P3 filters inclusive built-in pre-filter

502100

Respirator that protects against the inhalation of isocyanate from paint or solvents for an effective respiratory personal protection. Fits perfectly around the nose and mouth. Complete with 2 A2P3 filters with built-in pre-filter. Complies with the strict EN 140 standard, CE-marked: 0082. The 2 A2P3 filters can be replaced with article number 5021.

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

Colad

Active Carbon Filters A1

5020

The filters comply with EN 14387 (Gas Filters and Combined Filters) and are CE-certified. CE-marked: 0082.

Colad

Pre-filter P2

5010
50 pieces in a box.

Colad

Respirator

5000

Protects against the inhalation of isocyanate from paint or solvents. Fits perfectly around the nose and mouth. Maximum usage 40 hours. Complies with the strict EN 140 standard, CE-marked: 0082. One mask in an air-tight storage box with 2 carbon filters A1 and 50 pre-filters P2.

Personal Protective Equipment (PPE) CAT III according to European directive 89/686/EEC. PPE of complex design protects against risks that cause irreversible damage to health.

Colad

Disposable Respirator

506600

Disposable Respirator for protection from harmful paint or solvent vapors. Fits perfectly around the nose and mouth. Maximum usage 40 hours. Complies with the strict EN 140 standard, CE-marked: 0082. Include A1 filter. Per piece in an air-thight resealable bag.

Colad
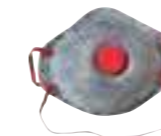
Fine Dust Mask P2 with Valve

5420

High protection against dust particles (P2). Fitted with an adjustable nose-clip and an exhalation valve for increased comfort. Complies EN 149:2001+A1:2009 FFP2, CE-marked: 0086. Box with 15 masks.

Colad

Fine Dust Mask P2

5410

High protection against dust particles (P2). Fitted with an adjustable nose-clip for a comfortable fit. Complies EN 149:2001+A1:2009 FFP2, CE-marked: 0086. Box with 15 masks.

2.5 HEAD PROTECTION

Colad

Spray Caps Large

5120

Protects head and neck during sanding and spraying. Cotton, pleasant to wear and washable. Per 5 pieces.

Colad

Spray Caps Small

5130

Protects hair during sanding and spraying. Cotton, pleasant to wear and washable. Per piece.

3.1 UNDERCOATING

Colad
Undercoating M80
4010 (1 L) (Black)
4020 (1 L) (White)
4030 (1 L) (Grey)

Undercoating with anti-corrosion and noise reduction properties. Material made of rubber and resins. After drying, the coating is paintable. The coating offers excellent protection against climatic influences and against gravel and stone chips. 1 L tin with spray connection (suitable for +/- 2.5 m²).

Colad
Undercoating M40
4000 (1 L) (Black)

Protects against corrosion and salt. Noise-absorbing, flexible and chip-resistant.
1 L tin with spray gun connection.

Colad
Undercoating Spray
8100 (500 ml) (Black)

Undercoating in spray for rust prevention and sound deadening properties.
Quick drying and recoatable. 500 ml spray.

Colad
Allround Neoprene Putty
4060 (1 kg)(Grey)
4070 (Nylon Brush)

Allround Neoprene Putty is a petrol and oil resistant compound. While remaining elastic after drying, brush and spray textures are retained. All-round Neoprene Putty is repaintable. Application: seals body panel joints, e.g. in the trunk of a car and other parts of the bodywork. Allround Neoprene Putty is an excellent adhesive and resists temperatures ranging from -25°C to +80°C. Allround Neoprene Putty is delivered ready for use. Directions for use: Apply Allround Neoprene Putty to a clean, dry, oil-free surface.
1 kg can.

Colad
Disposable Tubes and Nozzles
90672690

Tubes and Nozzles for the disposable undercoating spray gun. Set consists of 6 tubes and nozzle.

Colad
Disposable Undercoating Spray Gun
90672682

Gun for coating application with disposable tube and nozzle. Saves cleaning time and costs. Includes disposable and replaceable tube and nozzle. Per set.

Colad
Undercoating Spray Gun Adjustable
90672674

Gun for the application of undercoating and cavity protection products in tins of one L. Gun with an air connection and a nozzle to apply the product on the surface. This gun is also equipped with an adjustable nozzle to adapt the spray pattern. Per piece.

Colad
Undercoating Spray Gun
4040

Gun for the application of undercoating in tins of one L. Per piece.

Colad
Undercoating Spray Gun Adjustable
4045

Gun for the application of undercoating in tins of one L. With an adjustable nozzle to adapt the spray pattern. Per piece.

3.2 MAGIC FIX

Colad
Magic Fix Glue and Filler
4325
Long lasting repair in seconds with an ultra strong sandable and paintable result. Magic Fix is a glue and filler for a fast and strong repair of various materials. Repair (almost) everything with Colad Magic Fix. It is a super glue to be combined with black and grey reinforcement powder. If it's worth repairing: Fix it, Sand it, Paint it! Ready!

Use Colad Magic Fix for glueing, filling and repairing of various materials such as steel, plastics, aluminium, fibreglass, carbon fibre, plastics and rubber. Fill cracks or spaces with Magic Fix for example on: car bumper fixing points. Magic Fix content: Glue (A) 6 pcs 10 ml, Reinforcement Powder (B) 2 pcs Black 22 g and 1 pc Grey 22 g.

7 sec.

Panel Bonding

- Adhesive especially developed for metal and composite panel bonding.
- Application on bare metal is possible, high energy absorption.
- To bond steel and aluminum. Replace quarter panels, roofs, van sides and door skins.

Red: Suggested welded areas.

Grey: Suggested adhesive bonded areas.

Plastic Repair

- Powerful two-part structural adhesive for plastic repairs.
- From 30 seconds quick cosmetic repairs, to larger 5 minutes repairs of plastic parts.
- Also applicable in any industry where a fast strong bond is demanded.
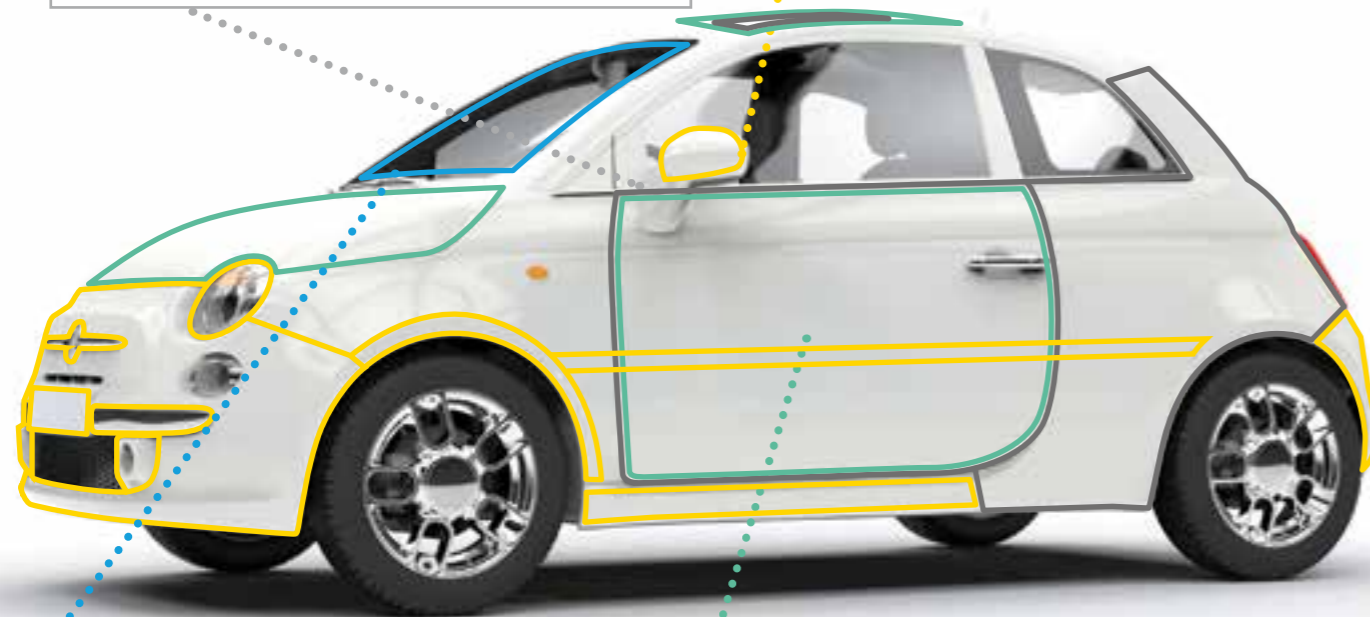
Glass Repair

- Fast curing, permanently elastic adhesive. Very high initial adhesion and high adhesive strength.
- Perfectly suited for bonding windscreens to the car body. Also for bonding of windscreens in vehicle, wagon and cabin construction.

Sealants

- Universal seam sealer or adhesive. For the automotive but also for many other applications like nautic and industry.
- Excellent filling properties, strong, flexible and durable bond. Outstanding adhesive strength on a wide range of materials and surfaces.

	Plastic Repair				Glass Repair	Sealants		Metal Repair
Art. no.	90672258	90672259	90672240	90672241	90673719	90672412	906724xx	90672440
Product name	2K Plastic Adhesive Super Fast 30 Seconds	2K Plastic Adhesive Fast 1.5 Minutes	2K Plastic Adhesive Medium Fast 3.5 Minutes	2K Plastic Adhesive Slow 5 Minutes	Windscreen Adhesive MS Polymer	Sprayable Seam Sealer MS Polymer	Seam Adhesive MS Polymer	Panel Bonding Adhesive
Colour	Black	Black	Black	Transparent	Black	Grey	Black, White, Grey	Black
Content	50 ml	50 ml	50 ml	50 ml	290 ml	310 ml	290 ml	195 ml

Plastic Repair

Colad

Powerful 2-component (2K-PU) plastic adhesive. For bonding and repairing of plastic parts. Cartridge of 50 ml with 2 mixing tips.

- Sandable
- Excellent adhesion
- No smell. Fast Cure
- Paintable

90672258 (50 ml)(Black) - **30 Seconds**
Sandable in 5 Minutes
Handling time: 2.5 Minutes
Sanding time: 5 Minutes
Paint time: 5 Minutes
Per piece.

90672259 (50 ml)(Black) - **1.5 Minutes**
Sandable in 10 Minutes
Handling time: 5 Minutes
Sanding time: 10 Minutes
Paint time: 10 Minutes
Per piece.

90672240 (50 ml)(Black) - **3.5 Minutes**
Handling time: 15 Minutes
Sanding time: 30 Minutes
Paint time: 30 Minutes
Per piece.

90672241 (50 m)(Transparent) - **5 Minutes**
Handling time: 20 Minutes
Sanding time: 45 Minutes
Paint time: 45 Minutes
Per piece.

Accessories for Plastic Repair

Colad
Plastic Cleaner
90672270 (500 ml)

- Excellent cleaning and degreasing of plastics
- Quickly removes grease, oil and sanding dust
- Waterbased
- Spray bottle
- Per piece

Colad
Plastic Primer
90672267 (200 ml)

- Adhesion promoter for plastic materials
- Improves adhesion significant in the plastic repair process
- Aerosol
- Per piece

Colad
Mixing Tips Plastic Repair
90672980 (25 pieces)
90672981 (10 pieces)

- Mixing tips for 2-component (2K) plastic repair adhesives
- Perfect blend and exact application
- Single use

Colad
Contour Film
90672275

- Helps shaping adhesive on plastic parts
- Restores original shape of the surface
- Can be used to create new parts
- Dimensions: 360 cm x 12 cm
- Per roll

Colad
Reinforcement Film
90672276

- Helps shaping and strengthen a damaged area of cracks and holes
- Achieves a strong and smooth surface
- Dimensions: 360 cm x 12 cm
- Per roll

3.4 GUNS

Colad
Universal Gun Manual
90675550

- Manually operated gun for exact placement of adhesives and sealants
- For standard cartridges of 290 and 310 ml
- Per piece

Colad
Caulking Gun Pneumatic
90672658

- Accurate and even placement of sealers and adhesives 1-component (1K) gun
- With delivery regulator or spray pressure regulator (max. 6 bar)
- Compatible with Nozzles: Flat, 1.5, 2 and 3 mm
- For cartridges of 290 and 310 ml and sausages of 400 ml
- Per piece

Colad
Gun for 2K Plastic Adhesive Manual
90672666

- For 2-component (2K) adhesives
- Compact and light weight for precise application of adhesives
- Per piece

3.5 GLASS REPAIR

Glass Repair

Colad

Windscreen Adhesive MS Polymer
90673719 (290 ml)(Black)

High quality MS Polymer, 1-component (1K).
Permanently elastic adhesive, very high initial
adhesion and high adhesive strength.
Per piece.

Application
Perfectly suited for bonding windscreens to the car body. Also for
bonding of windscreens in vehicle, wagon and cabin construction.
Bus, truck, agricultural and construction machine sectors.

Features
• 2 hours drive away time,
  8 hours with airbags
• Very good sealing properties
• Open time: 3.5 minutes

• Handling time: 15 minutes
• Paint time: Wet-wet
• Skinning time: 5 minutes
• Curing: After 24 hours: 3 mm

Accessories for Glass Repair

Colad

**Application Nozzle
Windscreen Adhesive**
90628373 (10 pieces)

• Per 10 pieces in a bag

Colad

Windscreen Primer
90675436 (100 ml)

• Adhesion promoter for a strong bond
• Colourless
• In a tin of 100 ml
• Per piece

3.6 SEALANTS

Sealants

Colad

Sprayable Seam Sealer MS Polymer
90672412 (310 ml)(Grey)

High quality Sprayable Seam Sealer. Paintable with waterborne
and 2K paints. Apply with Pneumatic Caulking gun plus Nozzle
Flat and Nozzles 1.5, 2 and 3 mm. MS Polymer based. Per piece.

Application
• Where textured coating or sound insulation is
  needed
• Protective layer inside and outside car body
  welding and construction seams
• Restore sealing and bonding in original state

Features
• Permanent elastic.
• Possibility to modulate (brush)
• Matches factory sealing jobs
• Sand time: After fully cured
• Paint time: Wet-wet
• Skinning time: 15 minutes
• Curing: 3 mm in 24 hours

Colad

Seam Adhesive MS Polymer
90672426 (290 ml)(Black)
90672427 (290 ml)(White)
90672428 (290 ml)(Grey)

High quality universal sealing and bonding adhesive. MS Polymer.
Neutral curing. Per piece.

Application
• All joints and seams on almost all substrates
• Bonds many materials
  (metal, plastic, glass, wood, etc)
• Can also be used as universal bonding-,
  sealing- and assembling sealant

Features
• Excellent Adhesion
• Permanent elastic
• Fast curing. Wet-on-wet applicable
• Sandable. Paintable with waterborne
  and 2K paints
• Resistant to UV-radiation, weather, water, moist
• Sand time: After fully cured
• Paint time: Wet-wet
• Skinning time: 10 minutes
• Curing: 3 mm in 24 hours

Accessories for Sealants

	Art. no.	Description	Packing
Nozzle Flat	90663772	Suitable for Caulking Gun Pneumatic (90672658).	Per 10 pieces.
Nozzle Standard	90627997	Multi-purpose nozzle.	Per 10 pieces.
Nozzle 1.5 mm	90663799	1.5 mm for Caulking Gun Pneumatic (90672658).	Per 10 pieces.
Nozzle 2 mm	90663780	2 mm for Caulking Gun Pneumatic (90672658).	Per 10 pieces.
Nozzle 3 mm	90663802	3 mm for Caulking Gun Pneumatic (90672658).	Per 10 pieces.

3.7 PANEL BONDING

Panel Bonding

Colad

Panel Bonding Adhesive
90672440 (195 ml)(Black)
90663803 (Panel Bonding Nozzles)(195 - 220 ml cartridges) (10 pieces)

Two-component structural adhesive, epoxy based for metal and composite panel bonding. 2 mixing tips included.

Application
• Bond steel and aluminum panels of the same or different metal composition together
• Alternative to refitted or welded bonded joints
• Panel to frame assembly, aluminum panel on steel body work, aluminum fender, quarter panels, roofs
  and van sides

Features
• Long open time of 60 minutes, cures faster than other adhesives for panel bonding
• Contains glass pearls to asure an even layer of adhesive
• High energy absorption
• Can be used on bare metal, contains a corrosion protection
• Room temperature curing
• Withstands automotive e-coat, powder prime and paint oven temperatures up to 230°C

**Always follow OEM instructions with repairs.
Not for chassis/structural parts of the car.**

3.8 SPREADERS

Colad

Plastic Spreaders
9105, 9106 (Flexible Red)
9107, 9108 (Super Flexible Black)

These spreaders are specially designed for
the application of putties. Use the flexible
spreader for use on flat surfaces. Use the
super flexible spreader for use on curved
ones. Made of plastic to avoid scratch in the
surfaces, with flattened spread-edge, in-
cluding grip. Both available in the same size:
120 x 90 mm. 9105 and 9107 available per
display with 25 sets of 5 pieces. 9106 and
9108 available per box (of 100 pieces).

Colad

Rubber Squeegees
9130

Rubber Squeegees specially designed for application
of putties to achieve a very smooth finish. Dimensions
95 x 65 mm. Per piece.

Colad

Japanese Putty Knives
9100

Japanese knives for spreading putty. Made of first
class quality steel; very flexible, with grip. Per set of
4 pieces in different sizes.

Colad

Mixing Board
000846

Mixing board specially
developed for preparing
filler. Compact, handy and
clean. Use new paper for
every job. Per piece.

3.9 FASTENERS

Colad

**Permanent
Attachment Tape**
900509 (9 mm)
900512 (12 mm)

Transparent double-face tape, for attaching
strips, registration plates and accessories to
cars. Clear, permanent bonding, double-sid-
ed film. Thin and highly durable. Quick and
simple to apply. Resulting in an appearance
equal to O.E.M. standards. Available in 9 and
12 mm x 9 m. Per roll in a plastic bag.

Colad

**Double-faced
Acrylic Foam Tape**
901006 (6 mm)
901009 (9 mm)
901012 (12 mm)
901019 (19 mm)
901025 (25 mm)

Double side foam tape, to attach strips,
registration plates and accessories to cars.
Weather resistant. Available are: 6, 9, 12,
19, 25 mm x 10 m. Per roll in a plastic bag.

Colad

**Self Adhesive
Noise Absorbing Sheets**
4050

Colad Self Adhesive Noise Absorbing
Sheets are designed to be applied to the
interior sheets metal of car doors, trunk, car
roofs etc. These sheets are mode of 100%
heat resistant bitumen. Excellent noise and
vibration reduction properties. Colad Noise
Absorbing Sheets are repaintable. Thick-
ness: 2.2 mm. Per box of 8 sheets of 250
mm x 500 mm.

A COMPLETE SOLUTION FOR MAINTAINING YOUR SPRAY BOOTH!

To guarantee a clean working space and a longer life-span of your spray booth, EMM developed the Cabin Protection System. Optimal protection against booth contamination wall-dust-pollution of your spray job.

1 + 2 + 3 + 4 = **SPRAY BOOTH PROTECTION SYSTEM**

Film4Booth
6860 (90 cm x 84 m) (including 6 rolls of tape).
6880 (3 rolls of tape)

Protect your spray booth walls for 1 year, using this 4-layered protection film! Layer has to be removed after 250 booth cycles or 3 months. To remove a layer, peel the top layer off to expose fresh film and re-tape the edges. Roll of 90 cm x 84 m (including 6 rolls of tape).

• Self-adhesive
• Transparent
• Can be applied over lights and windows
• Treated with paint adhesion

Film4Booth is suitable to be used on the walls of a spray booth, and is tested / certified by norm EN 60079-0 : 2011 which specifies the general requirements of construction, testing and marking of electrical equipment and Ex Components intended for use in Explosive atmospheres.

Film4Booth can be used in accordance with ATEX normative 2014/34/EU (replacement of the old ATEX norm 94/9/CE) and is suitable for the following zones and explosion groups, this was tested by norm EN 60079-0:2011).

6900 Foil Dispenser
6950 Foil Applicator
2070 Magnetic Foil Cutter
9105 Plastic Spreader

4.2 MISCELLANEOUS

Film4Floor
6865 (90 cm x 150 m)
6864 (60 cm x 50 m)

A self-adhesive strong and durable white film. Makes cleaning very easy.
• White high gloss for optimum reflection
• Strong and durable (100 micron)
• Treated with paint adhesion.
• Easy to apply and cut
• Solvent resistant

• Ribbed anti-slip surface
• Easy to remove, does not leave adhesive residue
• Can be used in combination with Dust Control to eliminate dust
• Not anti-static
• Not to be applied in ATEX zone 1, 2, 20, 21 and 22.

ANTIDUST (transparent coating)

Keep your spray booth in perfect conditions for high quality paint work! Protect your spray booth walls with the transparant Colad Antidust adhesive coating. Maintain your spray booth with this coating and it will result in a spray booth life time that is much longer than average.

Cleaning the spray booth is no longer an annoying task, with Antidust it is an easy job! Regularly use in the spray booth gives also a brighter sight on the paint projects, resulting in perfect paint jobs.

Features and advantages
• Paint overspray adheres on the Antidust coating
• Ready to apply fluid, which saves on preparation time
• Can be applied is with the application method you prefer; like spray gun, brush or paint roller
• Easy removeable with hot water or steam cleaner and save on cleaning time
• Silicone free, no fear for contaminating your paint work!
• The tackiness prevents dust particles going airborne for a perfect paint result!

Colad
Antidust
8142 (5 L)
8141 (10 L)
8140 (20 L)

Use 10-12 m^2 per L.

NON-TACKY BOOTH COATING

Colad
Booth Coating
8144 (5 L)

This coating for spray booths walls is ready to apply by spray gun (1.8, 2.0). A different method for masking a spray booth. Protects the walls from overspray by applying a single layer of booth coating, Booth coating forms a strong and transparent dry film. Remove it with warm water or high pressure spray gun. Per piece. 5 L can.

PEELABLE BOOTH COATING

Colad
Aqua Strippable Coating
8145 (10 L)

Strippable coating for masking spray booths walls. Apply by spray gun, brush or paint roller. Is an alternative to Booth coating or Antidust for the protection of the walls from overspray and dirt. Remove it by peeling of the film from the wall. Per piece. 10 L can.

Colad
Pressure Sprayer
8300

Designed to apply Colad Dust Control. It is fitted with Viton O-rings for durability and has a 5 L capacity. Automatic safety valve protects against over-pressure. Per piece.

Colad
Dust Control
8200 (5 L)

A static clear solution for spray booths floors and preparation areas. Specially designed to keep dust and dirt down on the floor to prevent dust from swirling during the paint job. Reducing the time spent on polishing job. Applied with pressure sprayer. 5 L can.

5 MIXING ROOM

Mixing room equipment and extraction systems from Hamach offer the complete professional mixing room solution.

All equipment is manufactured in polished stainless steel to avoid paint contamination, prevent rust and allow easy cleaning. The complete solution includes tables, washing machines, can containers, all the extraction tubes and fans to renew the air in the mixing room. Consult with our experts to get a quote for your new clean and efficient mixing room. High quality and compliance with all environmental regulations are guaranteed. Hamach stainless steel mixing room equipment is the best solution for a safe and clean mixing area that conforms to current regulations.

ATEX
Directive 2014/34/EU

When a mixture of air gases, vapours, mists, or dusts combine in a way that they can ignite under certain operating conditions a potentially explosive atmosphere arises. Working in such an environment demands certified equipment, equipment that Hamach supplies in.

Most of our Hamach products are available as certified ATEX Directive 2014/34/EU. This means that they are for use in potentially explosive atmospheres like spray booths or mixing rooms. The directive defines the essential health and safety requirements and therefore guarantees you a safe and healthy environment to get the most out of your expertise.

Hamach offers a wide variety of high quality standard mixing room equipment made of stainless steel.

See the workstations, cleaners, ventilators, scale tables and more. We also are well known for our tailor made mixing room solutions. If you want a mixing room facility that fastens and fits perfectly into your daily work process, then ask us for a solution just designed for your company.

hamach

Stainless Steel Tables

Tables with or without doors in two sizes with one extraction hood. Vapor extraction over the complete working surface at a height of ± 20 cm:
• Stainless Steel
• Extraction point: Ø 180 mm
• With extraction hood on top of the table
• Height adjustable
• Polished flat work surface
• Spilled fluid stays on worktop

Art. no.	Width	Depth	Doors	Working height (cm)	Weight kg
000463 - HT 120	120 cm	60 cm	open - no doors	91 cm	41 kg
000465 - HT 120	120 cm	60 cm	2 doors	91 cm	55 kg
000460 - HT 180	180 cm	60 cm	open - no doors	91 cm	61 kg
000462 - HT 180	180 cm	60 cm	2 doors	91 cm	76 kg

The Stainless Steel tables are also deliverable without the extraction hood. Ask for art.no. 000465-1, 000463-01, 000460-1 and 000462-1.

hamach

HS Spray Board

Spray board that is suitable for spraying small parts, such as spray samples. Suitable for wall mounting or mounting on Hamach Stainless Steel tables, art.no. 00046x.
• Stainless Steel
• Size extraction point: Ø 180 mm
• Equipped with:
  - pressure regulator
  - a manometer

Art. no.	Width	Height	Depth	Mounting	Weight kg
000478 - HS 120	120 cm	74 cm	20/44 cm	wall or on HT 120 table	30 kg
000479 - HS 180	180 cm	74 cm	20/44 cm	wall or on HT 180 table	50 kg

hamach

Computer Scale Table
000468

Computer scale table with vapour extraction. Adjustable height to keep your computer scale stable.
Dimensions: 60 x 45 x 125 cm (H x W x D)
Extraction point: Ø 80 mm
Extraction volume: 30 m³/h
Weight: 18 kg

One compact station (automatic or manual) for cleaning your spray guns. Possibility to connect to the Hamach ventilators.

hamach

HR 3000 Automatic Spray Gun Washer
000453

Automatic spray gun washer with capacity for two spray guns. Equipped with fluid pumps, cleaning brushes and cleaning nozzle for final rinsing of spray gun with cleaning solvent. During the automatic cleaning process you can clean a spray gun manual on the working platform. The cleaning process stops automatically when you open the lid. Only driven by max. 4 bar compressed air.

hamach

HR 2000 Spray Gun Washer
000473

A manual spray gun washer for solvent paint. With vapour extraction connection. All you need is a 5 bar air pressure connection. Simple and intuitive to use.

hamach

HR 2400 Spray Gun Washer
000474

Pneumatic manual spray gun washing machine. To be connected directly to water supply. With space to carry out the coagulation process and a pneumatic system to accelerate this process. A large tank with a filter system and 4 large wheels to collect al waste, is easy moveable. A security valve limits the water excess.

HR 3000   HR 2000   HR 2400

Spray Gun Washers CE Ex II 2 G c IIB T4

Type	HR 3000	HR 2000	HR 2400
Art.no.	000453	000473	000474
Based	Solvent based	Solvent based	Waterborne
Dimensions (H x W x D cm)	158 x 84 x 60 cm	158 x 84 x 60 cm	158 x 84 x 60 cm
Working height	105 cm	105 cm	105 cm
Weight (kg)	70 kg	65 kg	70 kg
Extraction point Ø	Ø 180 mm	Ø 180 mm	Ø 180 mm
Extraction volume	700 m³/h	700 m³/h	400 m³/h
Collecting tank	2 x 25 L	2 x 25 L	60 L
Remark	Automatic Pump	Manual Venturi	Direct connectable to water supply
			Included: 1 piece Filter Bag (coarse) (045601) 1 piece Filter Bag (thin) (045605)

HR 1400
SPRAYGUN CLEANER

Cleaning your spray gun in between jobs is a time consuming task. The quick and compact Hamach Spraygun Cleaner increases your productivity by enabling you to clean your spray gun from leftover waterborne coatings paint in a matter of seconds!

hamach
DUTCH ENGINEERING

**HR 1400
Spraygun Cleaner**
000452

Dimensions:
85 x 30 x 20 cm
(H x W x D)

CE ⟨Ex⟩ II 3G IIB T4

- **Easy to use**
  Jet, Flush and Dry.

- **Increases productivity**
  Fast and easy colour change.

- **Environmentally friendly**
  Limited waste / Limited use of water.

- **ATEX 2014/34/EU**
  Can be placed in ATEX zone 2.

- **Neat and hygienic working**
  Clean working environment = Excellent results.

hamach
DUTCH ENGINEERING

Cleaning Fluid HR 1000
009819 (10 L)

This is a cleaner, very active and only made with biodegradable products. Suitable for cleaning polyester mastic, two-component polyurethanes, water-based and solvent-based paints, clear coat as well as various kinds of adhesives from spreaders, rules, etc. Environmentally friendly, does not produce vapours. 10 L can.

hamach
DUTCH ENGINEERING

Micro Cleaner HR 1000
000457

Is a wall manual stainless steel washing tank, ideal for the manual cleaning of putty spreaders and small pieces. Equipped with a cleaning brush and automatic circulation of fluid. Suitable to be used with the special Hamach cleaning fluid (009819). All you need is a connection to a compressed air line and fill the special cleaning fluid in the tank of the HR 1000. Ready to use by opening the front flap. The front flap is also the cleaning table and when you close the flap the rest of the cleaning fluid flows back into the tank. The Micro Cleaner HR 1000 can be connected to a steam extraction line. Equipped with a drain cock to drain the dirty cleaning fluid. Dimensions: 46 x 19 x 53 cm (H x W x D). Tank content: 7 L. Extraction point: Ø 80 mm.

PAINT WASTE CONTAINERS

Special waterproof waste containers for paint waste and solvent products. You can place leftover paint and solvents upside down inside this container and close it. Liquids will leak into two different cans underneath. Any hazardous vapours will be extracted from the container through an exhaust duct. It is the perfect solution for paint waste from tins, cups, etc. There are three different options depending on the sizes of the paint tins, solvent packaging and different lids (automatic or manual). Complies with environmental standards and regulations.

Paint Waste Container Manual
000458

Paint Waste Container Manual Easy Access
000471

Paint Waste Container Pneumatic
000459

CE ⟨Ex⟩ II 3G IIB T4

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Paint Waste Containers

Art.no.	000458	000471	000459
Type	Paint Waste Container	Paint Waste Container - Easy Access	Paint Waste Container
Based	Manual	Manual	Pneumatic
Dimensions	122 x 100 x 60 cm	124 x 90 x 60 cm	122 x 100 x 60 cm
(H x W x D cm)			
Weight (kg)	71.5 kg	50 kg	50 kg
Extraction point Ø	Ø 80 mm	Ø 80 mm	Ø 80 mm
Extraction volume	100 m³/h	100 m³/h	100 m³/h
Capacity	30 L	30 L	30 L
			Optional: 045901- 30 L can for Paint Waste Containers

hamach

Ventilator Units 380 V and 230 V

To make sure that all harmful / dangerous gasses are eliminated, a well equipped mixing room needs a good ventilation system. The Hamach ventilator units create a healthy environment for your staff, eliminating health and safety risks.

Ventilators 380 V
ATEX certified. Suitable for indoor use.

Art. no.	Capacity	V
RVE000001	250 m³/h	380 V
RVE000002	700 m³/h	380 V
RVE000003	1200 m³/h	380 V
RVE000004	1980 m³/h	380 V

Ventilators 230 V

Art. no.	Capacity	V
RVL000001	250 m³/h	230 V
RVL000002	700 m³/h	230 V
RVL000003	1200 m³/h	230 V
RVL000004	1980 m³/h	230 V

hamach

Waste Bin 250 L
000469

This is a waste bin specially designed to go with all Stainless Steel furniture. The front opening extends the table size. Use it with normal 250 L plastic bags.
Waste box volume: 250 L.
Dimensions: 92 x 46 x 60 cm (H x W x D). Prepared for a connection to a vapor extraction of Ø 80 mm.

5.5 STICK & GO

Colad

Stick & Go®
Quick and efficient protection of surfaces like stainless steel table tops.
• White for optimum reflection
• Chemical and solvent resistant
• Strong and durable
• Ribbed anti-slip surface
• Easy to apply and cut
• Not anti-static
• Not to be applied in ATEX zone 1, 2, 20, 21 and 22.

676010 (60 cm x 10 m)
676025 (60 cm x 25 m)
6710025 (100 cm x 25 m)

hamach

Partscar
000525

For collecting and storage of dismantled car parts during repair, e.g. bumpers and doors. Large storage space. Mixing cup holders for collecting small parts as screws and lamps. Dimensions: 109 x 76 x 166 cm (H x W x D). Per piece. Not assembled.

hamach

Sanding Cart
000529

A workstation for storing products or equipment. Suitable for sanding or polishing materials. Supplied with antislip material and drawer lock. Fitted with 4 strong wheels. Per piece. Not assembled.

052911 Standard: Holder for garbage bag.
052912 Standard: Holder for 4 spray cans.

Colad

Trestle
7080

A workshop trestle for placing bumpers and doors on, for either preparation or painting. Sturdy construction and lightweight. Adjustable working height. Equipped with rubber buffers. Can be used on grid floors. Dimensions: 116 x 70 cm. Max. opening: 85 cm. Max. carrying weight 60 kg. Per piece.

hamach

H Trestle
000651

Accordion trestle which lets you quickly and easily create a flexible sanding area. Equipped with 2 separately adjustable bars and 4 castors with brake. The replaceable foam holders provide protection for the sanding object. Extendable height: 65.5/95 cm. Max. opening: 140 cm. Storage size: 22 x 87 x 83 cm. Max. carrying weight 100 kg. Per piece.

065101 Option: Set Foam sponges

hamach

X-Bok
000827
000840
(with bumper holder)

Sand / Spray Trestle. Universal trestle. Adjustable in different heights and 4-point support for large parts. Max. opening: 124 cm. Storage size: 126 x 60.5 x 9.5 cm. Per piece.

hamach

PS 4 Telescopic Bars
000826

A practical set of work stays to support boot lids, bonnets and doors during preparation. Per set of 3 lengths in a box.

hamach

**HLS 93
Paint Stand**
000672

To paint all kinds of parts safely and to paint both sides at once. Robust, solid, strong and easy to move. Additional accessories available if required. Dimensions: 210 x 140 x 170 cm. Per piece, not assembled, with 8 bars.

Optional for Paint Stand art. no. 000672

hamach

Clamp 10 cm
067221
Clamp 20 cm
067222
Clamp 30 cm
067223

Mirror Holder
067224

Wheel Rim Holder
067225

**Table
(Without Clamps)**
067226

To reduce the size of paper, plastic or tins Hamach offers a range of professional pneumatic bale presses. Ideal to lower your waste volume easy and fast.

- Compact bales for easier disposal
- Pneumatic so no manpower needed
- Compact and easy to use

Buggy 30
000802

Press for tins, paper and plastic foil. Suitable for tins up to 30 L, paper and plastic foil. Press cylinder with a compressing force of 650 kg. Provided with a safety system that prevents you from opening the pressing room while operating. Per piece.

Buggy 10
000841

Press for tins. Suitable for normal cans up to max. 10 L. reduces volume up to 85%. Press cylinder with a compressing force of 450 kg. Max. 10 bar – 20 L / Pressure. Provided with a safety system that prevents you from opening the pressing room while operating.

000842
Stand for Buggy 10, for an ideal height. Per piece.

Bale Press
7000

Pneumatic paper and plastic press. Reduces waste volume substantially. Provided with a water separator and safety system that prevents you from opening the pressing room while operating. Ready to use: incl. 2 rolls of cord. Per piece.

Type	Bale Press	Buggy 30	Buggy 10
Art.no.	7000	000802	000841
Press for	paper, plastic	tins, paper, plastic foil	tins
Dimensions (H x W x D cm)	66 x 68 x 151 cm	185 x 55 x 55 cm	104 x 35 x 33 cm
Pressure	8 - 10 bar (115 - 145 PSI)	Max. 10 bar (145 PSI)	Max. 10 bar
In accordance with	EN 13736 : 2003 + A1 : 2009.	EN 13736 : 2003 + A1 : 2009.	(145 PSI) EN 13736 : 2003 + A1 : 2009.
Optional	art.no. 7010 Ball of Cord.		art.no. 000842 Stand for Buggy 10 for an ideal height.

6.3 PHYSICAL SUPPORT

Aluminum Working Platform
709040 (H 34 cm)
709050 (H 44 cm)

A working platform for when working at height or difficult angles. Very stable, with anti-slip profile. For use on grid floors. Max. weight: 125 kg. Dimensions: 709040 (H x W x D) 34 x 90 x 40 cm + 709050 (H x W x D) 44 x 115 x 50 cm.
Per piece.

Working Seat
000528P

Provides a comfortable working position especially when working at difficult angles. Universal seat with gas spring. Large seat area. Adjustable in height. Self assembly required. Per piece. Not assembled.

High Pressure Hose PU/TPR
9110 (8 x 12 mm and 100 m roll)
9111 (10 x 15 mm and 60 m roll)

Compressed air hose recommended for paint jobs: strong and lightweight. Reinforced with polyester. Working pressure 20 bar, bursting pressure 60 bar. Silicone free.

Hose Cutter
9119

For safely cutting high pressure air hose. Per piece.

Venturi
000659

The Venturi provides air flow to reduce paint drying time. The use of the Venturi on waterborne coating systems reduces the program run of the spray cabins saving time and energy. The air flow is adjustable and the filters in each gun ensure dust-free air. It is adjustable in height and sideways. Dimensions: Height 164 cm x width 100 cm. Per piece.

Venturi Gun
065901

Per piece in a box.

Welding Blanket
7100

Avoids scorching stains from welding-sparks. Made of glass fibre. Fitted with magnets. Vertical application only.
Dimensions: 200 x 115 cm. One blanket in a box.

hamach
DUTCH ENGINEERING

SERVICE AND QUALITY   **SAFETY**   **EFFICIENCY AND DURABILITY**   **INNOVATION**

**Over the last thirty years, EMM has designed and installed many high quality Hamach Central Vacuum (HCV) dust extraction systems for the automotive, shipbuilding and industrial sectors.
We are experts in:**

• Customized systems
• Maintenance by our in-house Hamach service team
• Solutions for every budget.

HCV Central Vacuum for dust extraction is the top range concerning: Service, Quality, Safety, Efficiency and Innovation.
Our qualified Hamach engineers develop dust extraction systems that collect sanding dust at the source (the sanding machine). All of our systems are 100% tailored to your work processes and applicable ATEX regulations.

In addition to the health benefits of reduced sanding dust, HCV dust extraction systems keep dust particles from contaminating your fresh coating layers. Did you know that HCV dust extraction systems are also fitted with highly efficient filter cleaning? The filters always stay "free" of dust, even when working with fillers that leave a sticky sanding residue. This also applies to sanding dust from composites such as carbon fibre, fibreglass and polyester.

THINKING OUT OF THE BOX

• Safe and soundless in use
• Proven high quality and durability
• Powerful and constant dust extraction of fine and coarse dust

• High performance dust filters
• Installation and maintenance by our service teams
• High efficiency
• Savings in the use of abrasives

SERVICE AND QUALITY

• Over 30 years of experience worldwide (more than 13 million working hours)
• Installation on the spot
• Experience in both industrial customer (24/7) and smaller customers

• Service and maintenance by our experienced HCV team
• Warranty included, possibility to expand with specific warranty packages

SAFETY

CE safety regulations
All our HCV units and parts comply with the European Economic Area regulations. This is our declaration that our products meet the requirements of the applicable EC directives.

CE

ATEX
All HCV TQ systems are optionally available as ATEX zone 22 units and match the requirements in directive 2014/34/EU: "European directive for equipment & protective systems intended for use in potentially explosive atmospheres". These units are also suitable to extract potentially explosive dust (St1).

EFFICIENCY AND DURABILITY

• Built in filter cleaning system provides continuous power and suction
• Saving of abrasives (up to 20%)

INNOVATION

Programmable control system
This system keeps track of the HCV working hours. This major energy saver automatically shuts down on weekends or when you leave the company at closing time.

Frequency regulator
Possibility of saving up to 70% on energy or upgrade the power by 25%.

YOUR HCV SYSTEM

Fill in the Hamach Selection Tool on the Hamach website and you will find out in only a few minutes which Central Vacuum System will match your company needs. All HCV Systems are custom made from high quality material and designed by experienced engineers for each specific customer. Depending on the size of your company, requirements and budget, the Hamach experts build your custom made HCV installation. In short each HCV system consists of 4 specific parts:

OPTIONAL PRE-SEPARATOR: EXTRACTION OF POTENTIAL EXPLOSIVE DUST (ST1)

CENTRAL DUST EXTRACTION
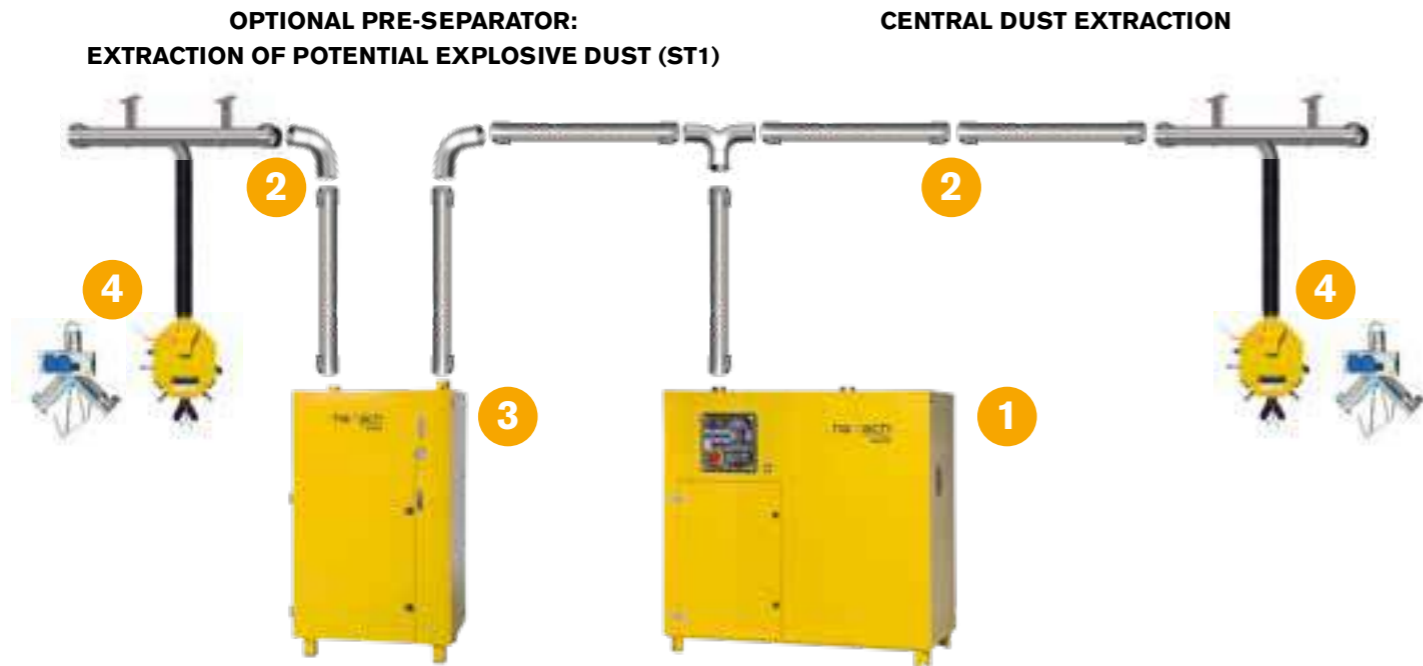
1 Central Vacuum Unit
Each HCV system starts with one of Hamach's central vacuum units. This may vary from a small and portable HCV 410 HQ, suitable for 4 extraction points up to a industrial HCV 18000 TQ suitable for 18 extraction points. Optional is for the TQ 5000/7000, 9000, 15000 and 18000 a blast cover available.

2 Piping
The chosen Central Vacuum will be equipped with the requested pipework. The steel pipes of each HCV unit are electrically conductive and grounded.

3 Optional Pre-separator
50 TQ EX Pre-separator for separation potentially explosive dust. More information, see page 85. Optional is for this machine a blast cover available.

4 Extraction points
For easy access we equip every work station with the extraction points of your choice.

Customers worldwide choose Hamach as their central vacuum partner, for instance ITAS (UK). ITAS provides bodyshop approval programmes, world-class bodyshop training, ground-breaking software and critical data analysis. Their body and paint programmes create best-in-class repair networks, bringing commercial value and delivering the best possible post-accident experience.

"For dust extraction and in the mixing room, EMM was our first and only choice of supplier. Their customer service is always excellent and the quality of the product is exceptional and complies with the highest technological standards required by the industry. Where safety and standards are concerned there can be no compromise. That is why ITAS is proud to use EMM equipment."

Bryan Young, Chairman ITAS

PRODUCT RANGES

The core of your HCV system is your Central Vacuum Unit. This unit provides you with the requested dust extraction when needed. Hamach's Central Vacuum Unit's are divided into two specific ranges. Each range matching a different capacity.

	High Quality	Top Quality
Type of company	Small size bodyshop / Middle size bodyshop	Middle size industry / Large size industry
Type of use	Variety of use, up to 8 hours a day	Continious professional use 24/7
Amount of work stations	1 - 6	1 - 18

LET'S TAKE A LOOK INSIDE

Now that you have seen the complete system, let's meet the inside of your Central Vacuum Unit.

Switchbox
Enables you to use energy as efficient as possible. The switchbox controls the central vacuum units main functions like:
• start/stop
• automatic filter cleaning
• running time after turning off.

Additional:
• pressure regulator
• automatic start for electric sanders
• remote control.

*For the units HCV 410 HQ and HCV 510 HQ the switch box is an additional option.

Filters
The smart filter system of HCV makes sure that you are always working in the best possible circumstances. The automatic filter cleaning system prevents loss of underpressure.

Air entrance
Fresh air enters the engine.

Blast Cover
Optional: ATEX blast cover provides an outlet for explosion in case of a limited explosive destruction.

Waste Bin
The HCV waste bin fits perfectly to keep the inside of your unit clean and dust-free.

Engine
The powerful engines of HCV have proven to have a lifetime of over 20 years.

Base
Makes sure that the unit is stable and prevents shaking and strumming.

Housing
The solid yellow HCV housing is supplied with vent holes to prevent over-heating of the unit.

Over 30 years of worldwide experience, tailor made systems maintained by our HCV team and a solution for every budget!

hamach DUTCH ENGINEERING

HCV 9000 TQ

000584

- Central Vacuum TQ with a 7.5 kW/380-400 V motor
- Sufficient for max. 9 sanding workers and tube work of ± 120 m

hamach DUTCH ENGINEERING

HCV 15000 TQ

000588

- Central Vacuum TQ with a 12.5 kW/380-400 V motor
- Sufficient for max. 15 sanding workers and tube work of max. ± 200 m

hamach DUTCH ENGINEERING

HCV 18000 TQ

000589

- Central Vacuum TQ with a 12.5 kW/380-400 V motor
- Sufficient for max. 18 sanding workers and tube work max. ± 250 m

Technical data	9000 TQ	15000 TQ	18000 TQ
Max. extraction points	9	15	18
Volt (V)	380 - 400	380 - 400	380 - 400
Power (kW)	7.5	12.5	12.5
Air flow (m³/h)	710	1100	1400
Air flow (L/min)	11.800	18.300	23.300
Under pressure (Kpa)	260	260	260
Under pressue (m. bar)	200	200	200
Number of motors	1	1	1
Air pressure (bar)	5	5	5
Weight (kg)	400	600	625
Dimensions L x W x H (cm)	135 x 60 x 150	188 x 95 x 190	188 x 95 x 190
Noise level (dBa)	73	74	74
Polyester non woven filters m²	6 x 0.8	9 x 0.8	9 x 0.8
Filter surface (m²)	4.8	7.2	7.2
Automatic filter cleaning	Yes	Yes	Yes
Container volume (L)	50	150	150
Tube work (m)	± 120	± 200	± 250
Switch box (24 V)	Standard	Standard	Standard
Inverter available	Optional	Optional	Optional
Formulated according to ATEX standards	Optional	Optional	Optional

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hamach DUTCH ENGINEERING

HCV 5000 TQ

000586

- Central Vacuum TQ with a 4 kW/380-400 V motor
- Sufficient for max. 5 sanding workers and tube work of ± 70 m
- Ideal for working areas in adjacent rooms

hamach DUTCH ENGINEERING

HCV 7000 TQ

000565

- Central Vacuum TQ with 2 x 3 kW/380-400 V motor
- Sufficient for max. 7 sanding workers and tube work of ± 110 m
- Ideal for a working area with variable number of workers (3 - 7) during the day
- With the 2 motor on/off switch, depending on the number of workers connected, one only uses the energy needed, saving money every day!

Technical data	5000 TQ	7000 TQ
Max. extraction points	5	7
Volt (V)	380 - 400 / 50 Hz	380 - 400 / 50 Hz
Power (kW)	4.0	6.0 (2 x 3.0 kW)
Air flow (m³/h)	430	620
Air flow (L/min)	7.150	10.300
Under pressure (Kpa)	200	200
Under pressue (m. bar)	260	260
Number of motors	1	2
Air pressure (bar)	5	5
Weight (kg)	270	325
Dimensions L x W x H (cm)	135 x 60 x 150	135 x 60 x 150
Noise level (dBa)	70	72
Polyester non woven filters m²	6 x 0.8	6 x 0.8
Filter surface (m²)	4.8	4.8
Automatic filter cleaning	Yes	Yes
Container volume (L)	50	50
Tube work (m)	± 70	± 110
Switch box (24 V)	Standard	Standard
Inverter available	Optional	Optional
Formulated according to ATEX standards	Optional	Optional

Top Quality dust extraction turbines for duct piping of max. 200 m. Suitable for 24 hour operating in industry or large companies. Standard with 24 months guarantee, can be extended with maintenance contract to max. 60 months.

- For continuous industrial use (24 hours a day)
- Can be installed in combination with swing arms, energy boxes or simple connections
- Frequency regulator optional

HQ

High Quality extraction turbine for duct piping of max. 90 m. Suitable for normal, professional use in medium and small companies. Standard 12 months guarantee.

hamach

Central Vacuum HCV 410 HQ
000561

• Central Vacuum HQ with a 4 kW/400 V motor
• Sufficient for max. 4 sanding workers and a pipeline of ± 20-30 m
• Ideal for multiple working areas in one hall
• Can be installed in combination with swing arms, energy boxes or simple connections
• With manual filter cleaning
• L-class

hamach

Central Vacuum HCV 410 HQ A
000566

• Same capacity as the HCV 410 but with automatic filter cleaning
• M-class

hamach

Central Vacuum HCV 510 HQ
000562

• Central Vacuum HQ with a 5.5 kW/400 V motor
• Sufficient for max. 5 sanding workers and a pipeline of ± 30-70 m
• Ideal for multiple working areas in one hall
• Can be installed in combination with swing arms, energy boxes or simple connections
• With manual filter cleaning
• L-class

hamach
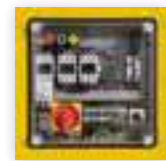
Central Vacuum HCV 610 HQ
000563

• Central Vacuum HQ with a 5.5 kW/400 V motor
• Sufficient for max. 6 sanding workers and a pipeline of ± 30-70 m
• Ideal for working areas in adjacent rooms
• Can be installed in combination with swing arms, energy boxes or simple connections
• With automatic filter cleaning
• M-class

Technical data	410 HQ	410 HQ A	510 HQ	610 HQ
Max. extraction points	4	4	5	6
Volt (V)	400	400	400	400
Air flow (m³/h)	300	300	550	550
Air flow (L/min)	5000	5000	9166	9166
Under pressure (Kpa)	20	20	26	26
Under pressue (m. bar)	200	200	240	240
Power (kW/HP)	4/5.5	4/5.5	5.5/7.5	5.5/7.5
Number of motors	1	1	1	1
Air pressure (bar)	-	5	-	5
Weight (kg)	100	100	160	180
Dimensions L x W x H (cm)	112 x 62 x 96	112 x 62 x 96	138 x 68 x 110	138 x 68 x 110
Noise level (dBa)	70	70	80	80
Filter	Molton and nylon	Polyester	Molton and nylon	Polyester
Filter surface (m²)	0.5	1	0.5	2.8
Automatic filter cleaning	No	Yes	No	Yes
Container volume (L)	35	35	70	70
Tube work (m)	± 20-30	± 20-30	± 30-70	± 30-70
Switch box	Optional	Standard	Optional	Standard

hamach

HCV 50 TQ EX Aluminum Pre-separator
000585

Pre-separator with automatic filter cleaning to separate and collect explosive dust. To be installed between the HCV cyclone extraction unit and work areas where explosive dust is extracted. Designed to meet ATEX guidelines for extracting explosive dust (classification ST1). The unit can also be installed in Zone 22-classified areas. Optional: Blast cover.

Ex

Directive 2014/34/EU: "European directive for equipment & protective systems intended for use in potentially explosive atmospheres".

Technical data	Standard HCV 50 TQ EX	Optional for the HCV 50 TQ EX
Maximum number of workspaces	4 - 5	8 - 10
Operating pressure	4 bar	4 bar
Filters (anti-static)	3 x 0.8 m²	6 x 0.8 m²
Filter surface area	2.4 m²	4.8 m²
Dust container capacity	50 L	50 L
Dimensions L x W x H (cm)	90 x 60 x 150	90 x 60 x 150
Automatic filter cleaning	Yes	Yes
Blast cover	Optional (preparation available)	Optional (preparation available)
Weight	160 kg	160 kg

SMART AND SAFE SOLUTIONS

" All TQ models can be optionally delivered as ATEX versions, making them suitable for the extraction of potentially light explosive dust (ST1 dust) "

Ideal for a big scope in a flexible workspace. If necessary, combine with one of Hamach's Energy Boxes.

• Equipped with an unique balanced gear transmission
• These swing arms gives you a range of 8 - 12 m in your working area and all connections for energy and dust extraction in direct operating reach

hamach
DUTCH ENGINEERING

Swing Arm HSA 625 C

000556

• A length of 6 m. to be combined with one of Hamach's Energy Boxes

hamach
DUTCH ENGINEERING

Swing Arm HSA 625
000555

• Manual on/off switch for compressed air or electric sanding tools
• 6 m. length incl. 3 compressed air connections (regulable), 2 electric sockets 230 V, 1 double dust extraction connection and a lamp

hamach
DUTCH ENGINEERING

Swing Arm HSA 625 P
000557

• The same as Swing Arm HSA 625 but with Pneumatic Automatic switch (autostart)

To get the most out of your Central Vacuum Unit, you can choose your custom extraction points.

Making it possible to create a dust extraction solution for each situation and each budget. Simple (low investment) or fully automatic, the basic value always complies (no compromise in quality), a simple (low investment) solution has the same durability as a more complicated fully automatic version.

hamach
DUTCH ENGINEERING

Single Point
B04101 - Single connection Wall
B04102 - Single connection Ceiling
B04107 - Single connection with on/off switch

B04905 - Manual Closing Valve
Optional with automatic on/of switch. The standard Single Point is operated manually. Optional is an on/off switch; very efficient and energy saving when you do not operate the HCV machine full continuously.

hamach
DUTCH ENGINEERING

Double Point with Electricity and Switch*
B04314

Double connection ceiling
+ double power socket
+ air + tool holder + switch on/off.

hamach
DUTCH ENGINEERING

Double Point with Electricity*
B04302

Double connection ceiling
+ double power socket
+ air + tool holder.

*Only suitable for ceiling mounted constructions

hamach
DUTCH ENGINEERING

Double Point
B04201 (standard valve)
B04211 (switch)
B04210 (sliding valve - manual)

Double connection Ceiling/Wall

CUSTOMIZED SOLUTIONS

To make sure your installation is 100% perfect, we design all kinds of customized solutions. For instance these connection points that combine dust extraction and compressed air, suitable to be installed inside the spray and sanding booth.

**SMART
AND SAFE
SOLUTIONS**

**WORK
SMART
BE SAFE**

" To make sure your installation is 100% perfect, we design all kinds of customized solutions. Proactive thinking is one of our qualities! "

hamach
Energy Box

Add an Energy Box to your HCV installation and you have a maximum of working flexibility in the daily operations.

All functions combined one central unique Hamach HCV device! Control the HCV machine, operate sanding machines/spray guns/air flow pistol/insert other machines in the electric connection and/or hang machines and hoses. The Hamach Energy Box is one central spot for compressed air, vacuum and electricity!

Energy Box features
- dust extraction connection for 2 sanding machines, in one double switch
- electric power connection
- compressed air connection with safety coupling
- hose bracket
- bracket for hanging sanding machines
- on/off switch for the HCV motor
- prepared for several mounting options
- handle.

on/off switch

handle

hose bracket

pressure regulator

compressed air connection

electric power connection

manometer

machine bracket

electric power socket 400 V

dust extraction connection
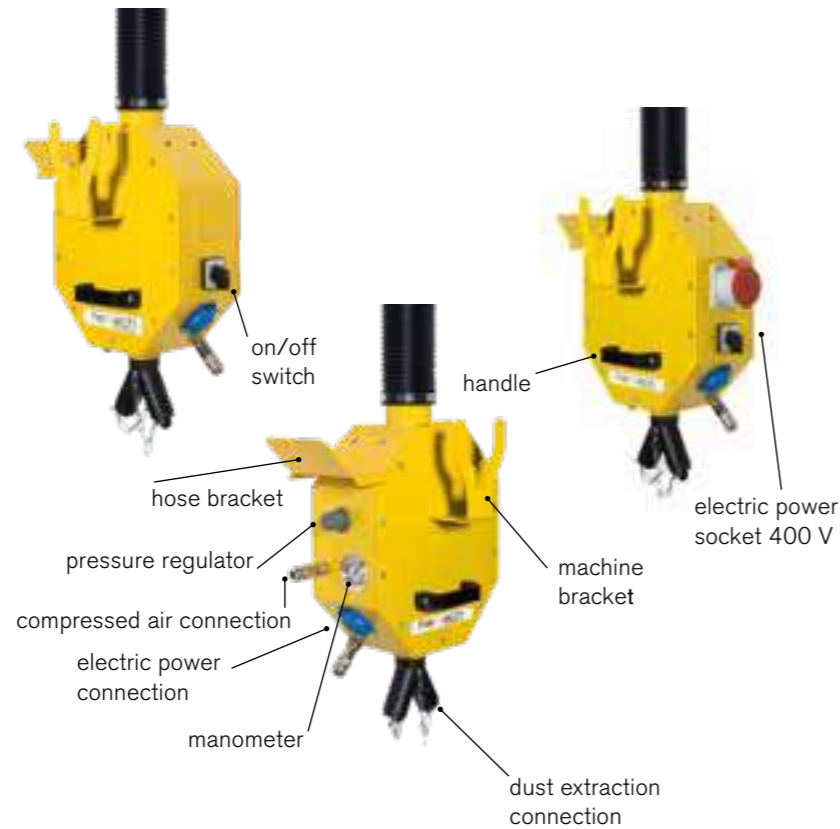
	EB Basic		EB Matic	
	- ceiling mount - manual on/off switch - 2 electric power sockets - 2 compressed air sockets - 1 hose bracket - 1 machine bracket - 1 handle		- ceiling mount - automatic on/off switch - 2 electric power sockets - 2 compressed air sockets - 1 hose bracket - 1 machine bracket - 1 handle	
Art. no.	000577	000576	000578	000575
	230 V	400 V	230 V	400 V
Optional				
Wall mount	000577W	000576W	000578W	000575W
Swing arm mount	000577Z	000576Z	000578Z	000575Z

To complete your HCV station, we offer a range of hose and machine holders which are suitable to attach to walls or swing arms.

hamach
Hose Bracket (Wall)
B04411

hamach
Hose Bracket (Swing Arm)
B04415

hamach
Hose Bracket (Energy Box)
B04414

hamach
Tool Holder (Wall)
B04412

hamach
Tool Holder (Energy Box/ Swing Arm)
B04416

hamach
Spray Gun Holder (Wall)
B04413

Optimum dust extraction asks for top range filters. All HCV systems contain these filters when delivered and installed. To maintain proper extraction we offer a wide variety of filters suitable for all HCV stations.

hamach
Filter HCV 410 HQ
056134

Complete Filterset.
Filter capacity: >99.9% M-class

hamach
Filter HCV 410 A
059404

Filter capacity: >M-class

hamach
Filter HCV 510 HQ
056267

Complete Filterset.

hamach
Polyester Filter HCV 610 HQ
059401

Filter capacity: >99.9% M-class

hamach
Polyester Filter EQ / TQ Turbine
059402

Filter capacity: >99.9% M-class

hamach
Polyester Anti Static Filter EQ/TQ Turbine EX
059403

Filter capacity: >99.9% M-class

SMART AND SAFE SOLUTIONS

"HCV is top range concerning: Service, Quality, Safety, Efficiency and Innovation. HCV will fit your needs!"

**LIFE
TIME
WARRANTY**

RONIN TOOLS

RONIN TOOLSTATION FEATURES

The Ronin Toolstation is a robust and practical tool trolley for every professional job. You can choose either of the two ready-made configurations or you can configure it yourself by adding your own selection of tool inlays.

Central Lock
Ensures security of your tools at all times.

Smooth Opening
Equipped with 8 drawers on ball bearing slides.

Tip-over protection
Allows you to open one drawer at the time which prevents the Toolstation from falling over.

1020 mm

Spacious Drawers
7 x 60 mm deep
1 x 125 mm deep.

Mobility
Four big, strong rubber wheels for mobility on every surface.

Brakes
Two wheels with brakes to prevent rolling.

465 mm

765 mm

Peak load:
400 kg.

Optional:

RONIN TOOLS

Spray Can Holder
10.000.001

Easy to mount with 2 included screws. Holes are already present in every Ronin Toolstation.

RONIN TOOLS

Pimp Your Toolstation

Exclusive for users of Ronin Toolstations is the possibility to Pimp your Tool Station with a personal nameplate. Put your name or other text on the nameplate. You can put anything up to a maximum of 20 characters.

ᴿONIN TOOLS
Empty Toolstation
10.001.000

Configure it yourself by adding your own selection of tool inlays.

ᴿONIN TOOLS
143-pieces Toolstation
10.002.143

Ronin Toolstation filled with a basic assortment of 143 pieces Ronin tools. This includes various drive sockets in 1/4" and 1/2". A hammer, grip pliers, adjustable wrenches, multiple screwdrivers and a variety of T-handle Hex Keys.

ᴿONIN TOOLS
Filled with the following inlays:

Slotted screwdriver inlay
15.440.000
5 pcs. 4 - 8 mm

Phillips screwdriver inlay
15.430.000
6 pcs. PH0 - PH3

T-handle hex key inlay
15.620.010
10 pcs. 2 - 12 mm

Ratchets inlay 1/4" - 1/2"
30.001.015
15 pcs. Ratchets + accessories 1/4" - 1/2"

Drive socket inlay 1/2"
30.001.028
28 pcs. 10 - 32 mm / E12 - E24

Drive socket inlay 1/4" + 1/2"
30.001.052
52 pcs. 4 - 13 mm / bits slotted - Phillips - Pozidriv - Torx - Hex

Pliers inlay
20.420.000
3 pcs. Diagonal cutting pliers 160 mm / Combination pliers 180 mm / Long nose pliers 200 mm

Pliers / Adjustable wrench inlay
20.430.000
3 pcs. Pliers combi inlay 3 pcs Water pump pliers 240 mm / Round nose grip pliers 250 mm / Adjustable wrench 200 mm

Combination wrench inlay
25.310.018
18 pcs. 6 - 23 mm

Hammer + Grip pliers inlay
45.250.000
3 pcs. Engineers hammer 500 g / death blow hammer / grip plier 250 mm

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ᴿONIN TOOLS
271-pieces Toolstation
10.002.267

Ronin Toolstation comes with a 271 pieces assortment. These 271 pieces are versatile products; you always have the right tool for the job at hand. The introduction of combination socket inlays, from 1/4" - 3/8" and 1/2" drive sockets and ratchets; there is something for every job. In this station you can find double-end flexible socket wrenches and a complete inlay of thin sided impact sockets that assist you with every task.

ᴿONIN TOOLS
Filled with the following inlays:

Complete screwdriver inlay
15.460.000
33 pcs. Slotted - Pozidriv - Phillips - Torx - Resi-Torx

T-bar nut driver inlay
15.500.009
9 pcs. 5 - 13 mm

T-handle Hex Key inlay
15.620.010
10 pcs. 2 - 12 mm

Circlip / waterpump plier inlay
20.320.000
6 pcs. 4 circlip pliers / adjustable wrench / waterpump pliers

Pliers inlay
20.350.000
7 pcs. Side cutting / long nose straight / long nose bent / combination / round nose / flat nose / wire striping

Combination wrench inlay
25.310.018
18 pcs. 6 - 23 mm

Ratchet type combination wrench inlay
25.220.012
12 pcs. 8 - 19 mm

Flexible socket wrench inlay
25.700.007
7 pcs. 6 x 7 - 18 x 19 mm (double end)

Ratchets inlay 1/4" - 1/2"
30.001.015
15 pcs. Ratchets + accessories 1/4" - 1/2"
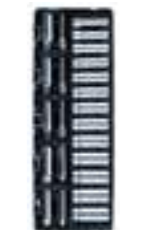
Drive deep socket inlay 3/8"
30.001.023
23 pcs. 8 - 22 mm / 3/8" - 13/16"

Drive socket inlay 3/8"
30.001.026
26 pcs. 8 - 22 mm / 3/8" - 13/16" / 3/8" ratchet + accessories

Drive socket inlay 1/2"
30.001.028
28 pcs. 10 - 32 mm / E12 - E24

Drive socket inlay 1/4" + 1/2"
30.001.052
52 pcs. 4 - 13 mm / bits slotted - Phillips - Pozidriv - Torx - Hex

Drive impact socket inlay 1/2"
30.315.000
15 pcs. 10 - 32 mm

Pin-punch inlay
45.080.008
7 pcs. 4 pin punches - 1 center punch - 2 chisels

Hammer + Grip pliers inlay
45.250.000
3 pcs. Engineers hammer 500 G / death blow hammer / grip plier 250 mm

LIFE TIME WARRANTY

To complement your Ronin Toolstation there are kits available in different categories.
Pick your task and choose the matching kit to make your job faster and easier.

RONIN TOOLS
Damage Repair Kit

Every damage repair job is cleared in no-time with the Ronin Damage Repair Kit. This kit contains tools to (de)mount panels. The Grip pliers assure you that everything will stay in place and the kit is also equipped with interior removal tools to help you remove interiors quick and safe.

T-bar nut driver inlay
15.500.009
9 pcs. 5 - 13 mm

Interior removal tools inlay
15.900.500
5 pcs.

Grip pliers inlay
20.650.000
22 pcs. 4 grip pliers - L-keys Resi-Torx + hex

Files inlay
40.105.000
5 pcs. round - flat - oval files

Pin-punch inlay
45.080.008
7 pcs. 4 pin punches - 1 centre punch - 2 chisels

Panel beating inlay
45.200.005
5 pcs. 2 hammers - 3 dollies

RONIN TOOLS
Mechanic Kit

The indispensable addition for every mechanic. This comprehensive kit contains 3/8" tools for the more advanced tooler. Every job will be done in no-time with these advanced spline, Hex and Torx tools.

Circlip pliers inlay
20.440.000
4 pcs. Internal straight / external straight / Internal bend / external

Ratchet type combination wrench inlay
25.220.012
12 pcs. 8 - 19 mm

Drive deep socket inlay 3/8"
30.001.023
23 pcs. 8 - 22 mm / 3/8" - 13/16"

Drive socket inlay 3/8"
30.001.026
26 pcs. 8 - 22 mm / 3/8" - 13/16" / 3/8" ratchet + accessories

1/2" spline bit socket inlay
30.615.000
16 pcs. M5 - M18

1/2" long Torx & Hex bit socket inlay
30.711.000
11 pcs. Hex 5 - 12 / Torx 30 - 55

RONIN TOOLS
Wrenches Kit

Do you often use wrenches? This kit assures you that everything you need is always within reach. To complement your wrenches assortment this kit contains offset ring wrenches, flexible socket wrenches, ratchet type combination wrenches and big size combination wrenches.

Big size combination wrench inlay
25.210.004
4 pcs. 24 - 32 mm

Ratchet type combination wrench inlay
25.220.012
12 pcs. 8 - 19 mm

Ring ring offset wrench inlay
25.330.008
8 pcs. 6 x 7 - 21 x 23 mm

Flexible socket wrench inlay
25.700.007
7 pcs. 6 x 7 - 18 x 19 mm (double end)

RONIN TOOLS
Tire Changing Kit

Changing tires quick and easy without damaging the aluminum. This Ronin Tire changing kit contains all the tools necessary. The wheel nut caps conducted with plastic in combination with the pneumatic and adjustable wrenches ensure a safe, fast and damage-free removal.

RONIN TOOLS
1/2" drive adjustable torque wrench
30.300.200
40 - 200 Nm

RONIN TOOLS
½" drive pneumatic impact wrench
30.350.100

RONIN TOOLS
1/2" thin sided impact socket inlay
15 pcs. 10-32 mm
30.315.000

LIFE TIME WARRANTY

RONIN TOOLS
45.010.300
Engineers hammer 300 g

45.010.500
Engineers hammer 500 g

RONIN TOOLS
35.200.050
Digital calliper

RONIN TOOLS
30.300.200
1/2" drive adjustable torque wrench
40 - 200 Nm

RONIN TOOLS
45.050.030
Nylon hammer 30 mm striking face

45.050.130
30 mm replaceable pats

RONIN TOOLS
30.350.100
1/2" drive pneumatic impact wrench

RONIN TOOLS
35.100.010
Measurement tape 5 m

RONIN TOOLS
40.200.100
Hack saw (in toolstation including 3 blades)

RONIN TOOLS
40.200.105
5 pcs. Hack saw blade

8.4 SOCKET SETS

RONIN TOOLS
Socket Sets (Metric)

30.142.000
1/4" socket suitcase (42 pcs)

30.250.000
3/8" socket suitcase (50 pcs)

30.353.000
1/2" socket suitcase (53 pcs)

LIFE TIME WARRANTY

RONIN TOOLS
Screwdrivers

Pozidriv screwdriver inlay
15.410.000
5 pcs. PZ0 - PZ3

Resi-Torx screwdriver inlay
15.420.000
8 pcs. T8H - T40H

Phillips screwdriver inlay
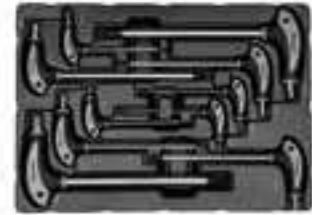15.430.000
6 pcs. PH0 - PH3

Slotted screwdriver inlay
15.440.000
5 pcs. 4 - 8 mm

Torx screwdriver inlay
15.450.000
8 pcs. T8 - T40

Screwdriver inlay complete
15.460.000
33 pcs. Slotted - Pozidriv - Phillips - Torx - Resi-Torx

T-bar Hex Key inlay
15.620.010
10 pcs. 2 - 12 mm

T-bar nut driver inlay
15.500.009
9 pcs. 5 - 13 mm

Interior removing tool inlay
15.900.500
5 pcs

RONIN TOOLS
Pliers / Hammers / Measurement Tools

Pliers inlay
20.420.000
3 pcs. Diagonal cutting pliers 160 mm / Combination pliers 180 mm / Long nose pliers 200 mm

Pliers combi inlay
20.430.000
3 pcs. Water pump pliers 240 mm / Curved jaw grip pliers 250 mm / Adjustable wrench 200 mm

Circlip pliers inlay
20.440.000
4 pcs. Internal straight / external straight / internal bend / external bend 160/180 mm

Pliers inlay
20.350.000
7 pcs. Side cutting / long nose straight / long nose bent / combination / round nose / flat nose / wire striping

Circlip pliers inlay
20.320.000
6 pcs. 4 circlip pliers /adjustable wrench / waterpump pliers

Grip plier inlay
20.650.000
22 pcs. 4 grip pliers / extra long keys Resi-Torx - Hex

Measurement / hammer inlay
35.500.010
10 pcs. 2 engineers hammers / death blow hammer / 5 m measurement tape / electronic caliper / hand saw

Hammer + Grip pliers inlay
45.250.000
3 pcs. engineers hammer 500 g / death blow hammer / grip plier 250 mm

Panel beating inlay
45.200.005
5 pcs. 2 hammers - 3 dollies

Pinn-punch inlay
45.080.008
7 pcs. 4 pinn-punches / 1 center punch / 2 chisels

Files inlay
40.105.000
5 pcs. round - flat - oval files

LIFE TIME WARRANTY

RONIN TOOLS
Wrenches

Combination wrench inlay
25.310.018
18 pcs. 6 - 23 mm

Combination wrench inlay
25.210.004
big sizes 4 pcs. 24 - 32 mm

Combination wrench inlay
25.210.212
12 pcs. Inch 1/4" - 15/16"

Ratchet type combination wrench inlay
25.220.012
12 pcs. 8 - 19 mm

Ratchet type combination wrench inlay
25.220.208
8 pcs. Inch 5/16"- 3/4"

Ring ring offset wrench inlay
25.330.008
8 pcs. 6 x 7 - 21 x 23 mm

Double end flexible socket wrench inlay
25.700.007
7 pcs. 6 x 7 - 18 x 19 mm

L-type pipe wrench inlay
25.440.010
10 pcs. 6 – 19 mm

RONIN TOOLS
Combination Wrench Inlay (Metric)

25.210.011
11 pcs (7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm)

25.210.018
18 pcs (6 - 7 - 8 - 9 -10 - 11 - 12 - 13 - 14 -15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 mm)

RONIN TOOLS
Ratchet Type Combination Wrench Inlay (Metric)

25.220.007
7 pcs (8 - 10 - 11 - 13 - 14 - 17 - 19 mm)

RONIN TOOLS
Sockets & Ratchets

1/2" drive socket inlay
30.001.028
28 pcs. 10 - 32 mm / E12 - E24

1/4" & 1/2" drive socket inlay
30.001.052
52 pcs. 4 - 13 mm / bits slotted - Phillips - Pozidriv - Torx - Hex

1/4" & 1/2" drive socket inlay
30.001.015
15 pcs. Ratchets + accessories (1/4" - 1/2")

3/8" drive socket inlay
30.001.023
23 pcs. 8 - 22 mm / 3/8" - 13/16"

3/8" drive socket inlay
30.001.026
26 pcs. 8 - 22 mm / 3/8" - 13/16" / 3/8" ratchet + accessories

1/2" standard socket inlay
30.001.217
17 pcs. 3/8"- 1-3/8"

1/2" deep socket inlay
30.001.213
13 pcs. 1/2" - 1-1/4"
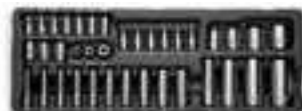
1/4" + 3/8" standard + deep socket inlay
30.001.237
37 pcs. 5/32" - 7/8"

1/2" thin sided impact socket inlay
30.315.000
15 pcs. 10 - 32 mm

1/2" spline bit socket inlay
30.615.000
16 pcs. M5 - M18

1/2" long Torx & Hex bit socket inlay
30.711.000
11 pcs. Hex 5 - 12 / Torx 30 - 55

ʀONIN TOOLS

Screwdriver Set

Art.no.	Description
15.301.000	6 pcs (3 x Slotted / 3 x Phillips), (Slotted 5.5 - 6.5 - 8 mm + PH1 - PH2 - PH3)
15.302.000	6 pcs (3 x Slotted / 3 x Pozidriv), (Slotted 5.5 - 6.5 - 8 mm + PZ1 - PZ2 - PZ3)
15.303.000	6 pcs (Torx) (T10 - T15 - T20 - T25 - T27 - T30)
15.304.000	6 pcs (Torx tamper proof) TR10 - TR15 - TR20 - TR25 - TR27 - TR30

ʀONIN TOOLS

Screwdrivers

Name	Art.no.	Size
Slotted	15.100.040	4.0x100
	15.100.055	5.5x100
	15.100.065	6.5x100
	15.150.080	8.0x150
	15.038.065	6.5x38 stubby
Pozidrive	15.075.200	PZ0x75
	15.075.201	PZ1x75
	15.100.202	PZ2x100
	15.150.203	PZ3x150
	15.038.202	PZ2x38 stubby
Phillips	15.075.100	PH0x75
	15.075.101	PH1x75
	15.100.102	PH2x100
	15.150.102	PH2x150
	15.150.103	PH3x150
	15.038.102	PH2x38 stubby
Torx	15.075.308	T8x75
	15.075.309	T9x75
	15.075.310	T10x75
	15.100.315	T15x100
	15.100.320	T20x100
	15.100.325	T25x100
	15.100.327	T27x100
	15.150.330	T30x100
	15.150.340	T40x150
Resi-Torx	15.075.408	T8Hx75
	15.100.410	T10Hx100
	15.100.415	T15Hx100
	15.100.420	T20Hx100
	15.100.425	T25Hx100
	15.100.427	T27Hx100
	15.100.430	T30Hx150
	15.100.440	T40Hx150

ʀONIN TOOLS

Hex Keys Set

Art.no.	Description
15.510.010	L-type Hex keys ballpoint (9 pcs)
15.510.020	L-type Resi-Torx keys (9 pcs)

ʀONIN TOOLS

T-bar Hex Keys

Art.no.	Size
15.620.020	2 mm
15.620.025	2.5 mm
15.620.030	3 mm
15.620.040	4 mm
15.620.050	5 mm
15.620.060	6 mm
15.620.070	7 mm
15.620.080	8 mm
15.620.100	10 mm
15.620.120	12 mm

ʀONIN TOOLS

T-bar Nut Drivers

Art.no.	Size
15.500.050	5 mm
15.500.060	6 mm
15.500.070	7 mm
15.500.080	8 mm
15.500.090	9 mm
15.500.100	10 mm
15.500.110	11 mm
15.500.120	12 mm
15.500.130	13 mm

8.8 PIN PUNCHES

ʀONIN TOOLS

Art.no.	Size
45.080.030	Pin punch 3 mm
45.080.050	Pin punch 5 mm
45.080.070	Pin punch 7 mm
45.080.090	Pin punch 9 mm

ʀONIN TOOLS

Art.no.	Size
45.080.060	Center punch

ʀONIN TOOLS

Art.no.	Size
45.080.120	Chisel 12 mm
45.080.200	Chisel 20 mm

ʀONIN TOOLS

Combination Wrenches (Metric)

Art.no.	Size	Art.no.	Size
25.010.006	6 mm	25.010.017	17 mm
25.010.007	7 mm	25.010.018	18 mm
25.010.008	8 mm	25.010.019	19 mm
25.010.009	9 mm	25.010.020	20 mm
25.010.010	10 mm	25.010.021	21 mm
25.010.011	11 mm	25.010.022	22 mm
25.010.012	12 mm	25.010.023	23 mm
25.010.013	13 mm	25.010.024	24 mm
25.010.014	14 mm	25.010.027	27 mm
25.010.015	15 mm	25.010.030	30 mm
25.010.016	16 mm	25.010.032	32 mm

ʀONIN TOOLS

Combination Wrenches (Inch)

Art.no.	Size
25.010.110	1/4"
25.010.120	5/16"
25.010.130	3/8"
25.010.140	7/16"
25.010.150	1/2"
25.010.160	9/16"
25.010.170	5/8"
25.010.180	11/16"
25.010.190	3/4"
25.010.200	13/16"
25.010.210	7/8"
25.010.220	15/16"

ʀONIN TOOLS

Ratchet Type Combination Wrenches (Metric)

Art.no.	Size
25.020.008	8 mm
25.020.009	9 mm
25.020.010	10 mm
25.020.011	11 mm
25.020.012	12 mm
25.020.013	13 mm
25.020.014	14 mm
25.020.015	15 mm
25.020.016	16 mm
25.020.017	17 mm
25.020.018	18 mm
25.020.019	19 mm

ʀONIN TOOLS

Ratchet Type Combination Wrenches (Inch)

Art.no.	Size
25.020.110	5/16"
25.020.120	3/8"
25.020.130	7/16"
25.020.140	1/2"
25.020.150	9/16"
25.020.160	5/8"
25.020.170	11/16"
25.020.180	3/4"

ʀONIN TOOLS

Ring Ring Offset Wrenches (Metric)

Art.no.	Size
25.330.067	6 x 7 mm
25.330.089	8 x 9 mm
25.330.111	10 x 11 mm
25.330.113	12 x 13 mm
25.330.115	14 x 15 mm
25.330.117	16 x 17 mm
25.330.119	18 x 19 mm
25.330.223	21 x 23 mm

ʀONIN TOOLS

Double End Flexible Socket Wrenches (Metric)

Art.no.	Size
25.700.067	6 x 7 mm
25.700.089	8 x 9 mm
25.700.101	10 x 11 mm
25.700.123	12 x 13 mm
25.700.145	14 x 15 mm
25.700.167	16 x 17 mm
25.700.189	18 x 19 mm

ʀONIN TOOLS

Adjustable Wrench

Art.no.	Size
25.050.008	Adjustable wrench (8" / 200 mm)

RONIN TOOLS
1/4" Standard Sockets (Metric)

Art.no.	Size
30.110.040	4 mm
30.110.045	4.5 mm
30.110.050	5 mm
30.110.055	5.5 mm
30.110.060	6 mm
30.110.070	7 mm
30.110.080	8 mm
30.110.090	9 mm
30.110.100	10 mm
30.110.110	11 mm
30.110.120	12 mm
30.110.130	13 mm

RONIN TOOLS
1/4" Deep Sockets (Metric)

Art.no.	Size
30.120.070	7 mm
30.120.080	8 mm
30.120.090	10 mm
30.120.110	11 mm
30.120.120	12 mm
30.120.130	13 mm

RONIN TOOLS
1/4" Standard Sockets (Inch)

Art.no.	Size
30.400.010	5/32"
30.400.020	3/16"
30.400.030	7/32"
30.400.040	1/4"
30.400.050	9/32"
30.400.060	5/16"
30.400.070	11/32"
30.400.080	3/8"
30.400.090	7/16"
30.400.100	1/2"

RONIN TOOLS
1/4" Deep Sockets (Inch)

Art.no.	Size
30.400.210	5/32"
30.400.220	3/16"
30.400.230	7/32"
30.400.240	1/4"
30.400.250	9/32"
30.400.260	5/16"
30.400.270	11/32"
30.400.280	3/8"
30.400.290	7/16"
30.400.300	1/2"

RONIN TOOLS
1/4" 8-sided Sockets (Inch)

Art.no.	Size
30.400.310	1/4"
30.400.320	5/16"
30.400.330	3/8"

RONIN TOOLS
1/4" Accessories (Metric)

Ratchet
30.100.010

Ratchet replacement drive
30.100.101

Extension bar
30.150.030 - 50 mm
30.150.080 - 100 mm

Sliding T-bar
30.150.050

Flexible extension bar 150 mm
30.150.020

Universal joint 1/4"
30.150.060

Spinner handle 165 mm
30.150.070

RONIN TOOLS
1/4" Bit Sockets

Name		Art.no.	Size
1/4" Bit Socket Phillips		30.130.101	PH1
		30.130.102	PH2
1/4" Bit Socket Resi-Torx		30.130.408	T8H
		30.130.410	T10H
		30.130.415	T15H
		30.130.420	T20H
		30.130.425	T25H
		30.130.427	T27H
1/4" Bit Socket Slotted (Metric)		30.130.040	4 mm
		30.130.055	5.5 mm
		30.130.065	6.5 mm
1/4" Bit Socket Pozidriv		30.130.201	PZ1
		30.130.202	PZ2
1/4" Bit Socket Hex (Metric)		30.130.503	3 mm
		30.130.504	4 mm
		30.130.505	5 mm
		30.130.506	6 mm
3/8" Bit Socket Hex (Inch)		30.230.503	1/8"
		30.230.504	5/32"
		30.230.505	3/16"
		30.230.506	7/32"
		30.230.507	1/4"
		30.230.508	9/32"
1/4" Bit Socket Torx		30.130.308	T8
		30.130.310	T10
		30.130.315	T15
		30.130.320	T20
		30.130.325	T25
		30.130.327	T27

RONIN TOOLS
3/8" Standard Sockets (Metric)

Art.no.	Size
30.210.008	8 mm
30.210.009	9 mm
30.210.010	10 mm
30.210.011	11 mm
30.210.012	12 mm
30.210.013	13 mm
30.210.014	14 mm
30.210.015	15 mm
30.210.016	16 mm
30.210.017	17 mm
30.210.018	18 mm
30.210.019	19 mm
30.210.020	20 mm
30.210.021	21 mm
30.210.022	22 mm

RONIN TOOLS
3/8" Deep Sockets (Metric)

Art.no.	Size
30.230.008	8 mm
30.230.009	9 mm
30.230.010	10 mm
30.230.011	11 mm
30.230.012	12 mm
30.230.013	13 mm
30.230.014	14 mm
30.230.015	15 mm
30.230.016	16 mm
30.230.017	17 mm
30.230.018	18 mm
30.230.019	19 mm
30.230.020	20 mm
30.230.021	21 mm
30.230.022	22 mm

RONIN TOOLS
3/8" Spark Plug Sockets (Metric)

Art.no.	Size
30.250.016	16 mm
30.250.018	18 mm
30.250.021	21 mm

RONIN TOOLS
3/8" Accessories (Metric)

Ratchet
30.220.010

Extension
30.220.043 - 43 mm
30.220.075 - 75 mm
30.220.150 - 150 mm

T-bar
30.220.700

Universal joint
30.220.600

RONIN TOOLS
3/8" Standard Sockets (Inch)

Art.no.	Size
30.210.130	3/8"
30.210.180	7/16"
30.210.140	1/2"
30.210.150	9/16"
30.210.190	5/8"
30.210.160	11/16"
30.210.200	3/4"
30.210.170	13/16"
30.210.210	7/8"

RONIN TOOLS
3/8" Deep Sockets (Inch)

Art.no.	Size
30.230.130	3/8"
30.230.180	7/16"
30.230.140	1/2"
30.230.150	9/16"
30.230.190	5/8"
30.230.160	11/16"
30.230.200	3/4"
30.230.170	13/16"
30.230.210	7/8"

RONIN TOOLS
1/2" Standard Sockets (Metric)

Art.no.	Size
30.310.100	10 mm
30.310.110	11 mm
30.310.120	12 mm
30.310.130	13 mm
30.310.140	14 mm
30.310.150	15 mm
30.310.160	16 mm
30.310.170	17 mm
30.310.180	18 mm
30.310.190	19 mm
30.310.210	21 mm
30.310.220	22 mm
30.310.240	24 mm
30.310.270	27 mm
30.310.300	30 mm
30.310.320	32 mm

RONIN TOOLS
1/2" Deep Sockets (Metric)

Art.no.	Size
30.320.100	10 mm
30.320.130	13 mm
30.320.170	17 mm
30.320.190	19 mm

RONIN TOOLS
1/2" E-sockets (Metric)

Art.no.	Size
30.350.012	E12
30.350.014	E14
30.350.016	E16
30.350.018	E18
30.350.020	E20
30.350.024	E24

RONIN TOOLS
1/2" Spark Plug Sockets (Metric)

Art.no.	Size
30.360.040	16 mm
30.360.050	21 mm

LIFE TIME WARRANTY

RONIN TOOLS
1/2" Standard Sockets (Inch)

Art.no.	Size
30.600.010	3/8"
30.600.020	7/16"
30.600.030	1/2"
30.600.040	9/16"
30.600.050	5/8"
30.600.060	11/16"
30.600.070	3/4"
30.600.080	13/16"
30.600.090	7/8"
30.600.100	15/16"
30.600.110	1"
30.600.120	1-1/16"
30.600.130	1-1/8"
30.600.140	1-3/16"
30.600.150	1-1/4"
30.600.160	1-5/16"
30.600.170	1-3/8"

RONIN TOOLS
1/2" Deep Sockets (Inch)

Art.no.	Size
30.600.200	1/2"
30.600.210	9/16"
30.600.220	5/8"
30.600.230	11/16"
30.600.240	3/4"
30.600.250	13/16"
30.600.260	7/8"
30.600.270	15/16"
30.600.280	1"
30.600.290	1-1/16"
30.600.300	1-1/8"
30.600.310	1-3/16"
30.600.320	1-1/4"

RONIN TOOLS
1/2" Wheel Nut Sockets (metric)

Art.no.	Size
30.375.019	19 mm
30.375.021	21 mm
30.375.022	22 mm
30.375.024	24 mm

RONIN TOOLS
1/2" Accessories (Metric)

30.300.010
Ratchet

30.300.110
Ratchet replacement drive

Extension
30.360.020 - 125 mm
30.360.030 - 250 mm

30.150.090
5/16" bit hold socket

30.360.060
Universal joint 1/2"

30.360.070
3/8" adaptor - T-bar connection

8.11 BITS

RONIN TOOLS
1/2" Bit Sockets

Name	Art.no.	Size
1/2" Bit Sets	30.140.001 Bit set complete (16 pcs)	
	30.140.025 Bit set Torx (5 pcs)	
1/2" Bits Pozidriv	30.140.202	PZ2
	30.140.203	PZ3
1/2" Bits Resi-Torx	30.140.430	T30H
	30.140.440	T40H
	30.140.445	T45H
	30.140.450	T50H
	30.140.455	T55H
1/2" Bits Slotted	30.140.080	8 mm
	30.140.100	10 mm
	30.140.120	12 mm
1/2" Bits Torx	30.140.330	T30
	30.140.340	T40
	30.140.345	T45
	30.140.350	T50
	30.140.355	T55
1/2" Bits Hex	30.140.508	8 mm
	30.140.510	10 mm
	30.140.512	12 mm
	30.140.514	14 mm
1/2" Bits Phillips	30.140.102	PH2
	30.140.103	PH3

RONIN TOOLS
1/2" Long Spline Bit Socket (105 mm)

Art.no.	Size
30.615.105	M5
30.615.106	M6
30.615.108	M8
30.615.110	M10
30.615.112	M12
30.615.114	M14
30.615.116	M16
30.615.118	M18

RONIN TOOLS
1/2" Long Torx Bit Socket (100 mm)

Art.no.	Size
30.711.030	T30
30.711.040	T40
30.711.045	T45
30.711.050	T50
30.711.055	T55

RONIN TOOLS
1/2" Short Spline Bit Socket (20 mm)

Art.no.	Size
30.615.005	M5
30.615.006	M6
30.615.008	M8
30.615.010	M10
30.615.012	M12
30.615.014	M14
30.615.016	M16
30.615.018	M18

RONIN TOOLS
1/2" Long Hex Bit Socket (100 mm)

Art.no.	Size
30.711.005	5 mm
30.711.006	6 mm
30.711.007	7 mm
30.711.008	8 mm
30.711.010	10 mm
30.711.012	12 mm

LIFE TIME WARRANTY

RONIN TOOLS
Pliers Sets

20.201.000
3 Pliers (160 diagonal cutting / 180 Combination / 200 Long nose)

20.202.000
3 Pliers (160 diagonal cutting / 180 Combination / 240 Water pump)

20.203.000
4 Pliers (160 diagonal cutting / 180 Combination / 160 Wire Stripping / 200 Long nose)

RONIN TOOLS
Combination Pliers

20.010.160	160 mm
20.010.180	180 mm
20.010.200	200 mm

RONIN TOOLS
Diagonal Cutting Pliers

20.020.160	160 mm
20.020.180	180 mm
20.020.165	160 mm (Heavy Duty)
20.020.185	180 mm (Heavy Duty)
20.020.205	200 mm (Heavy Duty)

RONIN TOOLS
Long Nose Pliers

20.030.160	160 mm
20.030.200	200 mm

RONIN TOOLS
Bent Nose Pliers

20.040.160	160 mm
20.040.200	200 mm

RONIN TOOLS
Round Nose Pliers

20.050.160   160 mm

RONIN TOOLS
Flat Nose Pliers

20.060.160   160 mm

RONIN TOOLS
Wire Stripping Pliers

20.070.160   160 mm

RONIN TOOLS
Cable Cutting Pliers

20.090.160	160 mm
20.090.200	200 mm

RONIN TOOLS
Water Pump Pliers

20.080.240   240 mm

RONIN TOOLS
Circlip Pliers Set

20.252.000

4 pcs circlip pliers set (180 mm)

RONIN TOOLS
Circlip Pliers

20.252.010	Straight internal (180 mm)
20.252.030	Bent internal (160 mm)

RONIN TOOLS
Circlip Pliers

20.252.020	Straight external (180 mm)
20.252.040	Bent external (160 mm)

RONIN TOOLS
Grip Pliers
20.500.111

Locking C-grip pliers 280 mm (11")

RONIN TOOLS
Grip Pliers
20.500.210

Curved jaws grip pliers 250 mm (10")

RONIN TOOLS
Grip Pliers
20.500.118

Locking C-grip pliers 455 mm (18")

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