



Coated Abrasive Belts and Scotch-Brite™ Surface Conditioning Belts

Safety Information

- **Deliver this insert with product to operator.**
- **Read this entire insert before mounting product on tool or machine.**
- **Post this insert in the work area.**

Read the Safety Data Sheets (SDS) before using any materials.



Contact the suppliers of the workpiece materials and abrasive materials for copies of the SDS if one is not readily available.

⚠ WARNING!

Exposure to DUST generated from workpiece and/or abrasive materials can result in lung damage and/or other physical injury. Use dust capture or local exhaust as stated in the SDS. Wear government-approved respiratory protection and eye and skin protection. Failure to follow this warning can result in serious lung damage and/or physical injury.

⚠ WARNING!

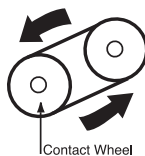
- Product can break apart during use and cause injury if damaged or run too fast.
- Always wear recommended and appropriate eye, face, ear, hand, and body protection. Injury to face* and eyes* can result if product fails. See ANSI Z87.1 for proper safety equipment.
- Excessive operating speed or generation of extreme heat may result in harmful emissions. Use local ventilation.



⚠ WARNING!

- Never exceed the Maximum Operating Speed of the contact wheel, accessory or belt.
- Exceeding the Maximum Operating Speed can cause product or contact wheel to break apart and may cause injury.

Check Maximum Operating Speed of Contact Wheel



The Maximum Operating Speed for all Scotch-Brite™ Surface Conditioning belts is 6,500 surface feet per minute. Coated abrasive belts, including 3M™ Trizact™ belts, do not have a speed rating; refer to the Max. RPM of the contact wheel.

⚠ WARNING!

Abusive operations can cause belt to break apart.

- Replace belts when damaged (kinked, cracked, nicked, torn, folded or punctured) or worn out.
- Inspect contact wheel or accessory and replace if damaged (cracks, nicks or wear).
- Inspect product and replace when damaged or worn out.
- Do not modify or alter product construction in any way. Altering the product can cause the product to break apart and cause injury.
- Contacting the edge of the belt may result in belt breakage.
- Carefully mount the belt on the machine per tool manufacturer's recommendations. Use the proper machine safety guards.
- Check for proper belt tension and tracking. If arrows on the backing are present, make sure they point in the direction of rotation.
- Product should only be used by trained operators or under direct supervision of experienced personnel.



⚠ WARNING!

- Sparks and particles generated from normal product operation can cause fire or explosion.
- Remove flammable or explosive material from work area.
- Do not use in dusty, flammable or explosive environments.
- Do not use on flammable or explosive materials.
- Direct sparks away from face and body.
- Consult your plant safety engineer for safe work set-up.



- To avoid a fire hazard, do not mix metal swarf with wood swarf in the same dust collector.
- Consult with engineering/safety personnel for flammability hazards.
- Install a spark arrestor or fire quenching unit in the ductwork ahead of the dust collector if a sparking hazard exists where flammable dusts are being generated.

⚠ CAUTION!

Abusive operations can cause belt to break apart.

- Improper work set-up can cause workpiece to be thrown or propelled through equipment when belt makes contact.
- Stop immediately if vibration or unusual noises occur during use. Determine cause and correct before continuing.
- Make sure the belt fully covers the contact wheel face in off-hand operations.
- Make sure no one is standing in front or in back of the belt when starting machine.
- Check feed rolls frequently on conveyor belt machines to be sure they hold evenly across the width of the workpiece.
- Avoid contact with moving belt edge or surface or severe cuts and abrasions could result.
- Hold the workpiece in position with clamps, stops or fixtures when using portable tools.
- Always abrade on the belt below the horizontal centerline of the contact wheel when using contact wheel belt sanders and open-drum sanders.

Incorrect storage could affect safety as well as product performance.

- Store coated abrasive belts at temperatures between 60-80°F (15-27°C) and between 35-50% relative humidity.
- Do not use belts with abnormally curled shape.
- Store surface conditioning products at temperatures below 150°F (65°C) and limit exposure to water and high humidity.