



C-690 REV R
ISSUED 2019
Supersedes REV Q

Your Complete Guide to Tube & Hose Repair

***NEW* Fittings**

Brake Lines

Fuel Lines

Transmission Lines

Oil Cooler Lines

A/C Lines

Power Steering Lines

Brake Line Kits

Brake Line Tools

Select what you need for every fluid transfer system repair... all from one source right in your garage. Never wait for repair parts again.

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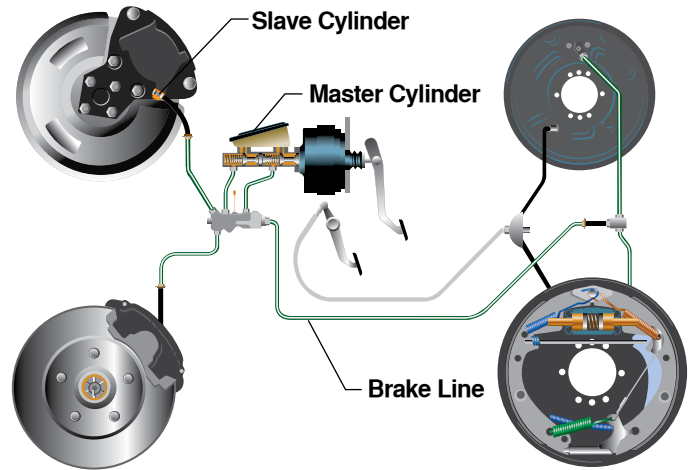
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BRAKING SYSTEM

The braking system is a critical component of any vehicle and literally controls the safety of drivers, passengers, and anyone else sharing the road. The tubing which carries the braking fluid between the master cylinder and the slave cylinders at the wheels is a vital part of this system. This tubing is extremely susceptible to the high-pressure it must handle (during braking) and the environment (adverse weather, road treatments, and road debris) to which it is continuously exposed.

AGS lines and coils are made of the most advanced materials and processes available today. Our tubing construction and coatings allow for the most workable, corrosion resistant, and safest product possible. In addition, the quality of the flares (end-forms) and tube nuts of all AGS lines meet and exceed standards for the best seal possible. While the vast majority of vehicles utilize 3/16", 1/4", or 6mm diameter tubing for brake applications, all AGS lines offer the same advanced construction and technology.

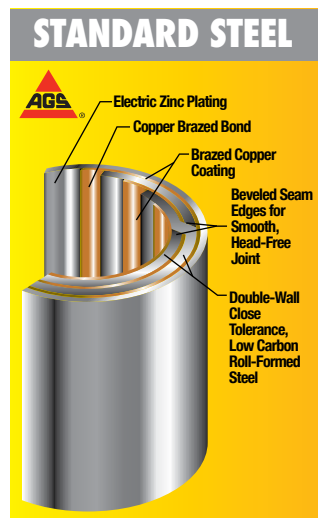


BRAKE, FUEL, & TRANSMISSION SPECIFICATIONS

Series (Example)	Brand	O.D.	Burst Pressure (psi)	Working Pressure (psi)	SAE	ISO	ASTM	Tensile Strength	Wall Thickness
BL-3XX (BL-308) or PA-3XX (PA-308)		3/16" (4.76mm)	12,559	3,400	J527	13486 4038	A254	42,050 psi (290 MPa)	.028" (0.70mm)
PA-7XX (PA-708)		6mm (0.24")	9,812	2,500	J1677				
BL-4XX (BL-408) or PA-4XX (PA-408)		1/4" (6.35mm)	9,419	2,400	J1065				
BL-5XX (BL-508) or PA-5XX (PA-508)		5/16" (8.00mm)	7,535	2,000	J533				
BL-6XX (BL-608) or PA-6XX (PA-608)		3/8" (9.53mm)	6,279	1,600	J512				
SSC-3XX (SSC-325)	STAINLESS STEEL	3/16" (4.76mm)	15,310	3,062	J1677	N/A	A249	70,343 psi (485 MPa)	.028" (0.70mm)
SSC-4XX (SSC-425)		1/4" (6.35mm)	11,070	2,214					
CN-3XX (CN-308)		3/16" (4.76mm)	11,909	3,300	J1650	13486 4038	B111 B466	39,875 psi (275 MPa)	.028" (0.70mm)
CN-4XX (CN-408)		1/4" (6.35mm)	8,932	2,300	J1677				
CN-5XX (CN-508)		5/16" (8.00mm)	7,146	1,850	J533				
CN-6XX (CN-608)		3/8" (9.53mm)	5,955	1,500	J512				

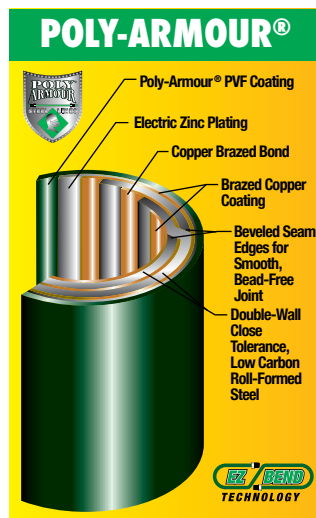
* Working and burst pressures calculated using the conservative Barlow's Formula. Tensile strength was used to indicate material strength and a safety factor of 4 was used to find working pressure.

GOOD



- Double-Walled
- Low Carbon Steel
- Copper Brazed
- Zinc Undercoating

BETTER



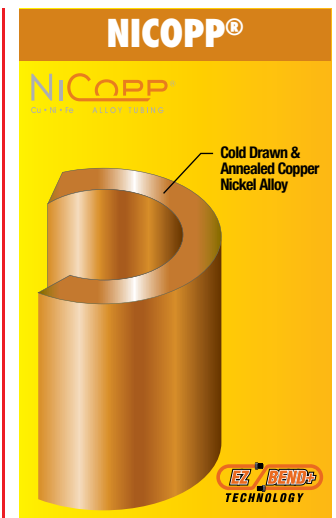
- Double-Walled
- Low Carbon Steel
- Copper Brazed
- Zinc Undercoating
- PVF Coated
- EZ-BEND Technology

STAINLESS STEEL



- 316L Stainless Steel
- Seamlessly Drawn
- Molybdenum
- Marine Grade

BEST



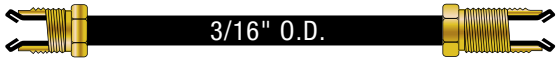
- Single-Walled
- 90-10 Copper Nickel Alloy
- EZ-BEND+ Technology

EZ-BEND® Technology refers to the combined features of the AGS lines and coils that make them easy to work with and bend. In the case of 3/16" diameter lines and coils, bending tools are not even necessary. All lines and coils (including AGS Standard Steel) are kink-proof and will retain shape after bending.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

3/16"

DOMESTIC LINE – SAE INVERTED FLARE



3/8-24 SHORT (BLF-12)

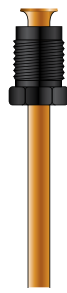
3/8-24 LONG (BLF-10)

APPLICATION: BRAKE LINE FOR DOMESTIC VEHICLES
FITTINGS: BLF-10 AND BLF-12
UNION: BLU-3

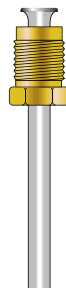
Domestic Lines



Poly-Armour® Catalog No.
PA-308
PA-312
PA-320
PA-330
PA-340-5/PA-340
PA-351-5/PA-351
PA-360-5/PA-360
PA-372
-



NiCopp® Catalog No.
CN-308
CN-312
CN-320
CN-330
CN-340-5/CN-340
CN-351-5/CN-351
CN-360-5/CN-360
CN-372-5/CN-372
-



Standard Catalog No.
BL-308
BL-312
BL-320
BL-330
BL-340
BL-351
BL-360
BL-372
BLXX-384

Description	Case Qty
3/16" x 8"	10
3/16" x 12"	10
3/16" x 20"	10
3/16" x 30"	10
3/16" x 40"	5 / 10
3/16" x 51"	5 / 10
3/16" x 60"	5 / 10
3/16" x 72"	5 / 10
3/16" x 84"	50

1/4"

DOMESTIC LINE – SAE INVERTED FLARE



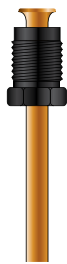
7/16-24 SHORT (BLF-13)

7/16-24 LONG (BLF-16)

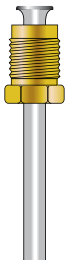
APPLICATION: BRAKE LINE FOR DOMESTIC VEHICLES
FITTINGS: BLF-13 AND BLF-16
UNION: BLU-4



Poly-Armour® Catalog No.
PA-408
PA-412
PA-420
PA-430
PA-440-5/PA-440
PA-451-5/PA-451
PA-460-5/PA-460
PA-472



NiCopp® Catalog No.
CN-408
CN-412
CN-420
CN-430
CN-440-5/CN-440
CN-451-5/CN-451
CN-460-5/CN-460
CN-472-5/CN-472



Standard Catalog No.
BL-408
BL-412
BL-420
BL-430
BL-440
BL-451
BL-460
BL-472

Description	Case Qty
1/4" x 8"	10
1/4" x 12"	10
1/4" x 20"	10
1/4" x 30"	10
1/4" x 40"	5 / 10
1/4" x 51"	5 / 10
1/4" x 60"	5 / 10
1/4" x 72"	5 / 10

5/16"

DOMESTIC LINE – SAE INVERTED FLARE



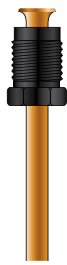
1/2-20 (BLF-14)

1/2-20 (BLF-14)

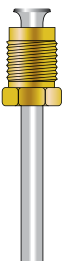
APPLICATION: FUEL & TRANSMISSION LINE FOR DOMESTIC VEHICLES
FITTINGS: BLF-14
UNION: BLU-5



Poly-Armour® Catalog No.
PA-508
PA-512
PA-520
PA-530
PA-540
PA-551
PA-560
PA-572



NiCopp® Catalog No.
CN-508
CN-512
CN-520
CN-530
CN-540
CN-551
CN-560
CN-572



Standard Catalog No.
BL-508
BL-512
BL-520
BL-530
BL-540
BL-551
BL-560
BL-572

Description	Case Qty
5/16" x 8"	5
5/16" x 12"	5
5/16" x 20"	5
5/16" x 30"	5
5/16" x 40"	5
5/16" x 51"	5
5/16" x 60"	5
5/16" x 72"	5

3/8"

DOMESTIC LINE – SAE INVERTED FLARE



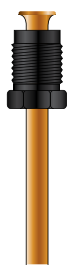
5/8-18 (BLF-15)

5/8-18 (BLF-15)

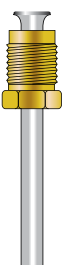
APPLICATION: FUEL & TRANSMISSION LINE FOR DOMESTIC VEHICLES
FITTINGS: BLF-15
UNION: BLU-6



Poly-Armour® Catalog No.
PA-608
PA-612
PA-620
PA-630
PA-640
PA-651
PA-660
PA-672



NiCopp® Catalog No.
CN-608
CN-612
CN-620
CN-630
CN-640
CN-651
CN-660
CN-672

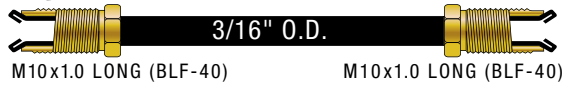


Standard Catalog No.
BL-608
BL-612
BL-620
BL-630
BL-640
BL-651
BL-660
BL-672

Description	Case Qty
3/8" x 8"	4
3/8" x 12"	4
3/8" x 20"	4
3/8" x 30"	4
3/8" x 40"	4
3/8" x 51"	4
3/8" x 60"	4
3/8" x 72"	4

3/16"

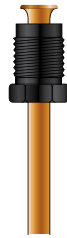
JAPANESE LINE – SAE INVERTED FLARE / METRIC



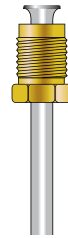
APPLICATION: BRAKE LINE FOR JAPANESE VEHICLES
FITTINGS: BLF-40
UNION: BLU-9



Poly-Armour® Catalog No.
PAJ-308
PAJ-312
PAJ-320
PAJ-330
PAJ-340
PAJ-351
PAJ-360



NiCopp® Catalog No.
CNJ-308
CNJ-312
CNJ-320
CNJ-330
CNJ-340
CNJ-351
CNJ-360

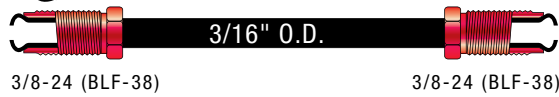


Standard Catalog No.
BLJ-308
BLJ-312
BLJ-320
BLJ-330
BLJ-340
BLJ-351
BLJ-360

Description	Case Qty
3/16" x 8"	5
3/16" x 12"	5
3/16" x 20"	5
3/16" x 30"	5
3/16" x 40"	5
3/16" x 51"	5
3/16" x 60"	5

3/16"

BRITISH LINE – ISO BUBBLE FLARE



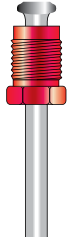
APPLICATION: BRAKE LINE FOR BRITISH VEHICLES
FITTINGS: BLF-38
UNION: BLU-7



Poly-Armour® Catalog No.
PAB-308
PAB-312
PAB-320
PAB-330
PAB-340
PAB-351
PAB-360



NiCopp® Catalog No.
CNB-308
CNB-312
CNB-320
CNB-330
CNB-340
CNB-351
CNB-360

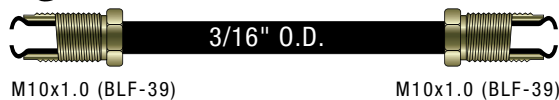


Standard Catalog No.
BLB-308
BLB-312
BLB-320
BLB-330
BLB-340
BLB-351
BLB-360

Description	Case Qty
3/16" x 8"	5
3/16" x 12"	5
3/16" x 20"	5
3/16" x 30"	5
3/16" x 40"	5
3/16" x 51"	5
3/16" x 60"	5

3/16"

EUROPEAN LINE – ISO BUBBLE FLARE / METRIC



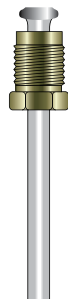
APPLICATION: BRAKE LINE FOR EUROPEAN VEHICLES
FITTINGS: BLF-39
UNION: BLU-8



Poly-Armour® Catalog No.
PAE-308
PAE-312
PAE-320
PAE-330
PAE-340
PAE-351
PAE-360
PAE-372
PAE-384



NiCopp® Catalog No.
CNE-308
CNE-312
CNE-320
CNE-330
CNE-340
CNE-351
CNE-360
-
-

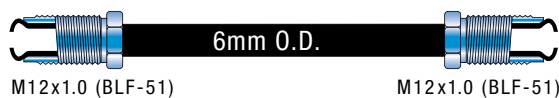


Standard Catalog No.
BLE-308
BLE-312
BLE-320
BLE-330
BLE-340
BLE-351
BLE-360
BLE-372
BLE-384

Description	Case Qty
3/16" x 8"	5
3/16" x 12"	5
3/16" x 20"	5
3/16" x 30"	5
3/16" x 40"	5
3/16" x 51"	5
3/16" x 60"	5
3/16" x 72"	5
3/16" x 84"	5

6mm

GM LINE – ISO BUBBLE FLARE / METRIC



APPLICATION: BRAKE LINE FOR SOME GM VEHICLES (SATURN, CADILLAC)
FITTINGS: BLF-51
UNION: BLU-10



Poly-Armour® Catalog No.
PA-708
PA-712
PA-720
PA-730
PA-740
PA-751
PA-760
PA-772

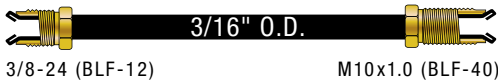
Description
6mm x 8"
6mm x 12"
6mm x 20"
6mm x 30"
6mm x 40"
6mm x 51"
6mm x 60"
6mm x 72"

Case Qty
5
5
5
5
5
5
5
5

AGS 8" adapter brake lines allow dissimilar connections to be made within the same system. Adapter lines are available in common brake line tube sizes 3/16", 1/4", and 6mm. AGS offers OE matching lines. ISO/Bubble to SAE/Inverted, English thread to Metric thread, and enlarging/reducing lines.

3/16"

8" ADAPTER BRAKE LINES

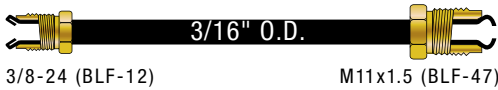


**Adapts Japanese port to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

M10x1.0 (BLF-40)

Poly-Armour® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-0310	BLA-0310	3/8-24 SAE Inverted to M10x1.0 SAE Inverted	5	Brass

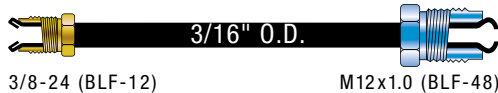


**Adapts metric bubble flare to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

M11x1.5 (BLF-47)

Poly-Armour® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-Y311	BLA-Y311	3/8-24 SAE Inverted to M11x1.5 ISO Bubble	5	Yellow

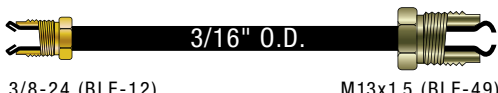


**Adapts metric bubble flare to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

M12x1.0 (BLF-48)

Poly-Armour® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-B312	BLA-B312	3/8-24 SAE Inverted to M12x1.0 ISO Bubble	5	Blue

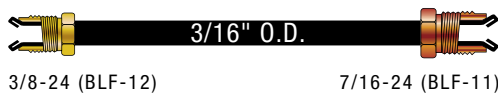


**Adapts metric bubble flare to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

M13x1.5 (BLF-49)

Poly-Armour® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-0313	BLA-0313	3/8-24 SAE Inverted to M13x1.5 ISO Bubble	5	Olive

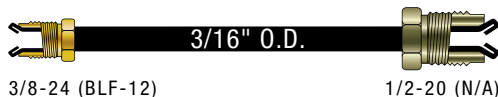


**Adapts 1/4" Domestic port to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

7/16-24 (BLF-11)

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-R340	CNA-R340	BLA-R340	3/8-24 SAE Inverted to 7/16-24 SAE Inverted	5	Red

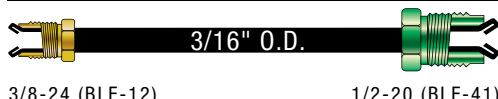


**Adapts 5/16" Domestic port to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

1/2-20 (N/A)

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-R350	CNA-R350	BLA-R350	3/8-24 SAE Inverted to 1/2-20 SAE Inverted	5	Black

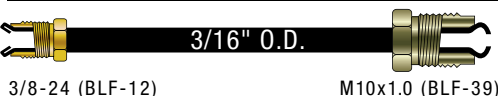


**Adapts 5/16" Domestic port to a standard 3/16" Domestic brake system*

3/8-24 (BLF-12)

1/2-20 (BLF-41)

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-G360	CNA-G360	BLA-G360	3/8-24 SAE Inverted to 1/2-20 SAE Inverted	5	Green



**Adapts European port to a standard 3/16" Domestic brake system.*

3/8-24 (BLF-12)

M10x1.0 (BLF-39)

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-0380	CNA-0380	BLA-0380	3/8-24 SAE Inverted to M10x1.0 ISO Bubble	5	Olive

3/16"

8" ADAPTER BRAKE LINES (Continued)



3/8-24 (BLF-12)

9/16-18 (BLF-42)

**Adapts 9/16-18 port to a standard 3/16" Domestic brake system*

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-0370	CNA-0370	BLA-0370	3/8-24 SAE Inverted to 9/16-18 SAE Inverted	5	Olive

1/4"

8" ADAPTER BRAKE LINES



7/16-24 (BLF-13)

9/16-18 (BLF-43)

**Adapts 9/16-18 port to a standard 1/4" Domestic brake system*

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-B410	CNA-B410	BLA-B410	7/16-24 SAE Inverted to 9/16-18 SAE Inverted	5	Blue



7/16-24 (BLF-13)

1/2-20 (BLF-44)

**Connects 5/16" Domestic port to a 1/4" Domestic brake system*

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-S420	CNA-S420	BLA-S420	7/16-24 SAE Inverted to 1/2-20 SAE Inverted	5	Silver



7/16-24 (BLF-13)

7/16-24 (BLF-13)

**Connects 1/4" Domestic port to a 1/4" Domestic brake system*

Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Case Qty	Nut Color
PAA-B430	CNA-B430	BLA-B430	7/16-24 SAE Inverted to 7/16-24 SAE Inverted	5	Brass

6mm

8" ADAPTER BRAKE LINES



M12x1.0 (BLF-51)

M14x1.5 (BLF-53)

**Adapts non-standard metric bubble to standard 6mm brake system*

Poly-Armour® Catalog No.	Description	Case Qty	Nut Color
PAA-B710	M12x1.0 ISO Bubble to M14x1.5 ISO Bubble	5	Black



M12x1.0 (BLF-51)






M12x1.5 (BLF-52)

**Adapts non-standard metric bubble to standard 6mm brake system*









Poly-Armour® Catalog No.	Description	Case Qty	Nut Color
PAA-B720	M12x1.0 ISO Bubble to M12x1.5 ISO Bubble	5	Olive

Brake Line Adapters

FLOOR DISPLAYS

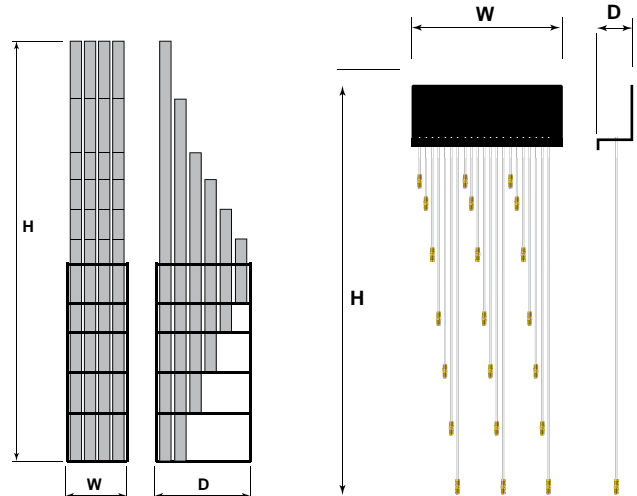
	Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Dimensions (H x W x D)
	PAD-1	CND-1	BLD-1	Floor Display – Domestic or Import (No Lines – Empty)	30" x 11" x 18"
	PAD-2	CND-2	BLD-2	Floor Display – Domestic/Import/Adapter Lines	63" x 27" x 18"
	PAD-3	CND-3	BLD-3	Floor Display – Domestic Lines	63" x 11" x 18"
	PAD-4	CND-4	BLD-4	Floor Display – Import Lines	63" x 11" x 18"
	PAD-6	–	–	Floor Display – Domestic/Import/6mm/Adapters	63" x 33" x 18"

WALL DISPLAYS

	Poly-Armour® Catalog No.	NiCopp® Catalog No.	Standard Catalog No.	Description	Dimensions (H x W x D)
	PAD-14	CND-14	BLD-14	Wall Display – Domestic (No Lines – Empty)	10" x 24" x 6"
	PAD-15	CND-15	BLD-15	Wall Display – Import (No Lines – Empty)	10" x 17" x 3"
	PAD-18	–	–	Wall Display – 6mm Lines	69" x 7" x 6"
	PAD-19	–	BLD-19	Wall Display – Domestic Lines	69" x 24" x 6"
	PAD-20	–	BLD-20	Wall Display – Import Lines	69" x 17" x 3"
	PAD-21	–	BLD-21	Wall Display – Domestic & Import Lines	69" x 42" x 6"
	PAD-22	CND-22	–	Wall Display – Domestic Lines (Installer Assortment)	69" x 24" x 6"
	PAD-23	CND-23	–	Wall Display – Import Lines (Installer Assortment)	69" x 17" x 3"
	PAD-24	–	–	Wall Display – 6mm (No Lines – Empty)	9.5" x 7" x 6"
	PAD-26	–	BLD-26	Wall Display – Adapter Lines	16" x 7" x 6"
	PAD-28	CND-28	–	Wall Display – Adapter (No Lines – Empty)	10" x 7" x 6"

FLOOR DISPLAYS

DIMENSIONAL DATA



PAD-3 **PAD-4**
PAD-2
 (PAD-3 + PAD-4 + ADAPTERS)
PAD-6
 (PAD-3 + PAD-4 + ADAPTERS + 6mm)

WALL DISPLAYS



PAD-18 **PAD-19** **PAD-20** **PAD-15**
PAD-21
 (PAD-19 + PAD-20)

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

DISPLAY CONTENTS

Poly-Armour® Catalog No.			FLOOR DISPLAY				WALL DISPLAY						
			PAD-2	PAD-3	PAD-4	PAD-6	PAD-18	PAD-19	PAD-20	PAD-21	PAD-22	PAD-23	PAD-26
			CND-2*	CND-3	CND-4*						CND-22	CND-23	
			BLD-2	BLD-3	BLD-4			BLD-19	BLD-20	BLD-21			BLD-26
NiCopp® Catalog No.	Standard Catalog No.												
PA-308	CN-308	BL-308	10	10	10		10	10	2				
PA-312	CN-312	BL-312	10	10	10		10	10	2				
PA-320	CN-320	BL-320	10	10	10		10	10	2				
PA-330	CN-330	BL-330	10	10	10		10	10	2				
PA-340	CN-340	BL-340	10	10	10		10	10	2				
PA-351	CN-351	BL-351	10	10	10		10	10	2				
PA-360	CN-360	BL-360	10	10	10		10	10	2				
PA-408	CN-408	BL-408	10	10	10		10	10					
PA-412	CN-412	BL-412	10	10	10		10	10					
PA-420	CN-420	BL-420	10	10	10		10	10	2				
PA-430	CN-430	BL-430	10	10	10		10	10	2				
PA-440	CN-440	BL-440	10	10	10		10	10	2				
PA-451	CN-451	BL-451	10	10	10		10	10	2				
PA-460	CN-460	BL-460	10	10	10		10	10	2				
PA-508	CN-508	BL-508	5	5	5		5	5					
PA-512	CN-512	BL-512	5	5	5		5	5					
PA-520	CN-520	BL-520	5	5	5		5	5					
PA-530	CN-530	BL-530	5	5	5		5	5					
PA-540	CN-540	BL-540	5	5	5		5	5					
PA-551	CN-551	BL-551	5	5	5		5	5					
PA-560	CN-560	BL-560	5	5	5		5	5					
PA-608	CN-608	BL-608	4	4	4		4	4					
PA-612	CN-612	BL-612	4	4	4		4	4					
PA-620	CN-620	BL-620	4	4	4		4	4					
PA-630	CN-630	BL-630	4	4	4		4	4					
PA-640	CN-640	BL-640	4	4	4		4	4					
PA-651	CN-651	BL-651	4	4	4		4	4					
PA-660	CN-660	BL-660	4	4	4		4	4					
PA-708	-	-			5		5						
PA-712	-	-			5		5						
PA-720	-	-			5		5						
PA-730	-	-			5		5						
PA-740	-	-			5		5						
PA-751	-	-			5		5						
PA-760	-	-			5		5						
PAB-308	CNB-308	BLB-308	5		5			5	5				
PAB-312	CNB-312	BLB-312	5		5			5	5				
PAB-320	CNB-320	BLB-320	5		5			5	5				
PAB-330	CNB-330	BLB-330	5		5			5	5				
PAB-340	CNB-340	BLB-340	5		5			5	5				
PAB-351	CNB-351	BLB-351	5		5			5	5				
PAB-360	CNB-360	BLB-360	5		5			5	5		2		
PAE-308	CNE-308	BLE-308	5		5			5	5		2		
PAE-312	CNE-312	BLE-312	5		5			5	5		2		
PAE-320	CNE-320	BLE-320	5		5			5	5		2		
PAE-330	CNE-330	BLE-330	5		5			5	5		2		
PAE-340	CNE-340	BLE-340	5		5			5	5		2		
PAE-351	CNE-351	BLE-351	5		5			5	5		2		
PAE-360	CNE-360	BLE-360	5		5			5	5		2		
PAJ-308	CNJ-308	BLJ-308	10		10	5		5	5				
PAJ-312	CNJ-312	BLJ-312	10		10	5		5	5		2		
PAJ-320	CNJ-320	BLJ-320	10		10	5		5	5		2		
PAJ-330	CNJ-330	BLJ-330	10		10	5		5	5		2		
PAJ-340	CNJ-340	BLJ-340	10		10	5		5	5				
PAJ-351	CNJ-351	BLJ-351	10		10	5		5	5				
PAJ-360	CNJ-360	BLJ-360	10		10	5		5	5		2		
PAA-B410	CNA-B410	BLA-B410	5		5							5	
PAA-G360	CNA-G360	BLA-G360	5		5							5	
PAA-R340	CNA-R340	BLA-R340	5		5							5	
PAA-R350	CNA-R350	BLA-R350	5		5							5	
PAA-S420	CNA-S420	BLA-S420	5		5							5	
PAA-B430	-	BLA-B430			5							5	
PAA-0370	-	BLA-0370			5							5	
PAA-0380	-	BLA-0380			5							5	
PAA-B312	-	-			5								
PAA-B710	-	-			5								
PAA-B720	-	-			5								
PAA-0310	-	-			5								
PAA-0313	-	-			5								
PAA-Y311	-	-			5								

*NOTE: CND-2/CND-4 contain QTY 5 of the CNJ part numbers

AGS coils are the same copper-brazed, double-walled, steel or copper nickel alloy tubing as used in our pre-made lines. When combined with AGS tube nuts and flaring tool, coils are an economical solution for shops that want to build their own lines, custom lengths or non-standard applications.

3/16"

BRAKE LINE COIL

Use to fabricate 3/16" Domestic, European, Japanese, British, and adapter brake lines

	Standard Catalog No.	Poly-Armour® Catalog No.	Stainless Steel Catalog No.	NiCopp® Catalog No.	Description / Length	Tube Nuts Purchased Separately
12'	-	PAC-316-12	SSC-316-12	CNC-316-12	3/16" x 12'	BLF-10, 11, 12, 38, 39, 40, 41, 42, 47, 48, 49
25'	BLC-325	PAC-325	SCC-325	CNC-325	3/16" x 25'	
50'	-	PAC-350	-	CNC-350	3/16" x 50'	
100'	-	-	-	CNC-3100	3/16" x 100'	

1/4"

BRAKE LINE COIL

Use to fabricate 1/4" Domestic and adapter brake lines

	Standard Catalog No.	Poly-Armour® Catalog No.	Stainless Steel Catalog No.	NiCopp® Catalog No.	Description / Length	Tube Nuts Purchased Separately
12'	-	PAC-14-12	SSC-14-12	CNC-14-12	1/4" x 12'	BLF-13, 16, 43, 44
25'	BLC-425	PAC-425	SCC-425	CNC-425	1/4" x 25'	
50'	-	PAC-450	-	CNC-450	1/4" x 50'	
100'	-	-	-	CNC-4100	1/4" x 100'	

5/16"

FUEL & TRANSMISSION LINE COIL

Use to fabricate 5/16" fuel and transmission lines

	Standard Catalog No.	Poly-Armour® Catalog No.	NiCopp® Catalog No.	Description / Length	Tube Nuts Purchased Separately
25'	BLC-525	PAC-525	CNC-525	5/16" x 25'	BLF-14, FLR-009
100'	-	-	CNC-5100	5/16" x 100'	

3/8"

FUEL & TRANSMISSION LINE COIL

Use to fabricate 3/8" fuel and transmission lines

	Standard Catalog No.	Poly-Armour® Catalog No.	NiCopp® Catalog No.	Description / Length	Tube Nuts Purchased Separately
25'	BLC-625	PAC-625	CNC-625	3/8" x 25'	BLF-15, FLR-008
100'	-	-	CNC-6100	3/8" x 100'	

6mm

BRAKE LINE COIL

Use to fabricate 6mm GM and adapter brake lines

	Poly-Armour® Catalog No.	Description / Length	Tube Nuts Purchased Separately
25'	PAC-725	6mm x 25'	BLF-46, 51, 52, 53

BRAKE LINE COIL KITS

	Poly-Armour® Catalog No.	Standard Catalog No.	NiCopp® Catalog No.	NiCopp® Catalog No.	Description / Length
3/16"	PAC-325K	BLC-325K	CNC-325K	BLFA-8K/ BLFA-8K-2*	Poly-Armour®, Steel, NiCopp® Coil with Tube Nuts / 25' NiCopp® Coil with Fitting Assortment (1 or 2 Coils)
1/4"	PAC-425K	BLC-425K	CNC-425K	BLFA-9K*	Poly-Armour®, Steel, NiCopp® Coil with Tube Nuts / 25' NiCopp Coil with Fitting Assortment
3/16" & 1/4"	-	-	-	BLFA-10K*	CNC-325 & CNC-425 Coils with BLFA-8 & BLFA-9 Fitting Assortments
5/16"	PAC-525K	BLC-525K	-	-	Poly-Armour® or Steel Coil with Tube Nuts
3/8"	PAC-625K	BLC-625K	-	-	Poly-Armour® or Steel Coil with Tube Nuts

*See page 56

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

COPPER COILED TUBING

For use in many low pressure fluid and gas transfer system applications including air, fuel, water, and other chemicals – NOT brake lines. Forms, flares, flanges, and bends readily in difficult applications. Soft annealed seamless copper tubing. High fatigue and wear resistance. Permanent rust free surface.

	Part No.	Description	Diameter	Gauge	Length (feet)
25'	CT-125-032	Coil, Copper, 7/16 x 25 x 032	7/16"	0.032	25
	CT-225-03	Coil, Copper, 1/8 x 25 x 03	1/8"	0.03	25
	CT-325-03	Coil, Copper, 3/16 x 25 x 03	3/16"	0.03	25
	CT-425-03	Coil, Copper, 1/4 x 25 x 03	1/4"	0.03	25
	CT-525-032	Coil, Copper, 5/16 x 25 x 032	5/16"	0.032	25
	CT-625-032	Coil, Copper, 3/8 x 25 x 032	3/8"	0.032	25
	CT-725-032	Coil, Copper, 1/2 x 25 x 032	1/2"	0.032	25
	CT-825-035	Coil, Copper, 5/8 x 25 x 035	5/8"	0.035	25
	CT-925-035	Coil, Copper, 3/4 x 25 x 035	3/4"	0.035	25
	CT-150-032	Coil, Copper, 7/16 x 50 x 032	7/16"	0.032	50
50'	CT-250-03	Coil, Copper, 1/8 x 50 x 03	1/8"	0.03	50
	CT-350-03	Coil, Copper, 3/16 x 50 x 03	3/16"	0.03	50
	CT-450-03	Coil, Copper, 1/4 x 50 x 03	1/4"	0.03	50
	CT-450-049	Coil, Copper, 1/4 x 50 x 049	1/4"	0.049	50
	CT-550-032	Coil, Copper, 5/16 x 50 x 032	5/16"	0.032	50
	CT-650-032	Coil, Copper, 3/8 x 50 x 032	3/8"	0.032	50
	CT-650-049	Coil, Copper, 3/8 x 50 x 049	3/8"	0.049	50
	CT-750-03	Spool, Copper, 1/2 x 50 x 03	1/2"	0.03	50
	CT-750-032	Coil, Copper, 1/2 x 50 x 032	1/2"	0.032	50
	CT-750-049	Coil, Copper, 1/2 x 50 x 049	1/2"	0.049	50
100'	CT-850-035	Coil, Copper, 5/8 x 50 x 035	5/8"	0.035	50
	CT-850-058	Coil, Copper, 5/8 x 50 x 058	5/8"	0.058	50
	CT-950-058	Coil, Copper, 3/4 x 50 x 058	3/4"	0.058	50
	CT-2100-03	Spool, Copper, 1/8 x 100 x 03	1/8"	0.03	100
	CT-3100-03	Spool, Copper, 3/16 x 100 x 03	3/16"	0.03	100
	CT-4100-03	Spool, Copper, 1/4 x 100 x 03	1/4"	0.03	100
	CT-5100-03	Spool, Copper, 5/16 x 100 x 03	5/16"	0.03	100
	CT-6100-03	Spool, Copper, 3/8 x 100 x 03	3/8"	0.03	100

Coiled Tubing

FLEXX-FIT™ – FLEXIBLE BRAKE LINES



PATENT PENDING

FLEXX-FIT™ lines are not brake hoses. FLEXX-FIT™ lines are 12" flexible brake lines. Use them anywhere a more flexible, shock-resistant, and corrosion-proof section of line is needed. No need to hunt down expensive application-specific OE assemblies.

- Top Applications**
- ABS Controllers
 - Master Cylinders
 - Trailers - Boat, RV, etc.
 - Clutch
 - Wheel Cylinder/Brakes
 - Motorcycles - Rear Brake
 - Rear Axle - RWD



Scan to watch the FLEXX-FIT™ video.



Anti-Corrosion Link Technology!



FXD-21 — FLEXX-FIT™ WALL DISPLAY (NO LINES)



FXD-22 — FLEXX-FIT™ WALL DISPLAY

*Contains QTY 5 of all FX part numbers

AVAILABLE FOR DOMESTIC & IMPORT

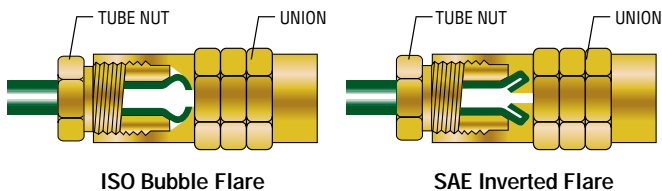
Part No.	Description
FX-312	3/16" x 3/8-24 Inverted
FX-412	1/4" x 7/16-24 Inverted
FX-712	6mm x M12x1.0 Bubble
FXB-312	3/16" x 3/8-24 Bubble
FXE-312	3/16" x M10x1.0 Bubble
FXJ-312	3/16" x M10x1.0 Inverted



- 4,000 psi working pressure
- 7,000 psi burst pressure
- -50°F to 250°F (-45°C to 121°C)
- Compatible with all brake fluids
- Meets FMVSS-106 standards
- Zinc Dichromate coated fittings
- Anti-corrosion link technology
- Thread/Flare-type marked on fitting
- O-ring seal built into fittings keep out corrosion and contamination

FITTINGS

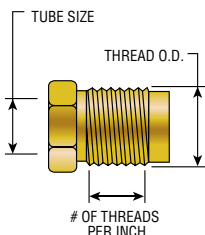
AGS Fittings are comprised of **Tube Nuts, Unions (Couplers), Adapters, Grease Fittings, Hose Fittings, Elbows, and Tees**; used primarily in the automotive hydraulic braking, fuel, and transmission systems. Fittings are offered in a variety of packaging options, including: retail clam-shells, bulk boxed, and plastic tray assortments. The following provides guidelines for selecting and identifying fittings.



Automotive hydraulic brake fittings are formed to work with either SAE Inverted Double Flare (Domestic and Japanese vehicles) or ISO Bubble Flare (European and British vehicles). In either case, the fitting (whether a Tube Nut, Union, or Adapter) must be selected to match the end form of the tube or port it will be mating to or a proper seal will not be possible.

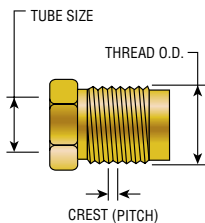
Standard UNF Imperial Threads

Nominal Tube Size	Thread O.D.	Threads Per Inch	Thread Description
3/16"	3/8	24	3/8-24
1/4"	7/16	24	7/16-24
5/16"	1/2	20	1/2-20
3/8"	5/8	18	5/8-18



Standard Metric Threads

Description Tube Size	Thread O.D.	Crest (Pitch)	Thread Description
Japanese 3/16"	10mm	1.0mm	M10x1.0
European 3/16"	10mm	1.0mm	M10x1.0
GM 6mm	12mm	1.0mm	M12x1.0
Fuel 5/16"	14mm	1.5mm	M12x1.5
Fuel 3/8"	16mm	1.5mm	M16x1.5



The charts and diagrams on the left refer to the standard thread measures for the nominal tube sizes and how they are determined for both imperial and metric fittings. Non-standard thread sizes do exist for each of the nominal tube sizes however and this is only used as a guide.

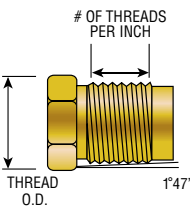
Example: BLF-41 has a tube size of 3/16" and a thread measure of 1/2-20.

Measuring Imperial Threads: Measure the O.D. of the threads and the number of threads in one inch.

Measuring Metric Threads: Measure the O.D. of the threads and the crest to crest distance (pitch) in millimeters between threads.

National Pipe Tapered Threads

Nominal Pipe Size	Thread O.D.	Threads Per Inch	Thread Description
1/8"	0.405"	27	1/8" NPT
1/4"	0.54"	18	1/4" NPT
3/8"	0.675"	18	3/8" NPT
1/2"	0.84"	14	1/2" NPT



Fittings


















SAE TUBE NUTS

SAE TUBE NUTS – To make a connection, place nut over the tubing with the threaded end pointed towards the end to be flared. The tube flare will be clamped between the nut and the flare seat when tightened.

Recommended Uses: Copper, Brass, Aluminum, & Steel Hydraulic Tubing
Working Temp (Pressure): -65°F to 250°F
Application: Brake, Fuel, Transmission

Fitting	5 Fittings/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread Size	Flare Type
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	BLF-10C-5	BLF-10	BLF-10B	BLFX-10	STEEL	3/16"	3/8-24 LONG	INVERTED
	BLF-11C-5	BLF-11	BLF-11B	BLFX-11	STEEL	3/16"	7/16-24	INVERTED
	BLF-12C-5	BLF-12	BLF-12B	BLFX-12	STEEL	3/16"	3/8-24	INVERTED

SAE TUBE NUTS (Continued)

Fitting	5 Fittings/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread Size	Flare Type
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	N/A	BLPF-12	N/A	N/A	STEEL/ BLACK OXIDE	3/16"	3/8-24	INVERTED
	BLF-13C-5	BLF-13	BLF-13B	BLFX-13	STEEL	1/4"	7/16-24	INVERTED
	N/A	BLPF-13	N/A	N/A	STEEL/ BLACK OXIDE	1/4"	7/16-24	INVERTED
	BLF-14C-5	BLF-14	BLF-14B	BLFX-14	STEEL	5/16"	1/2-20	INVERTED
	N/A	BLPF-14	N/A	N/A	STEEL/ BLACK OXIDE	5/16"	1/2-20	INVERTED
	BLF-15C-5	BLF-15	BLF-15B	BLFX-15	STEEL	3/8"	5/8-18	INVERTED
	N/A	BLPF-15	N/A	N/A	STEEL/ BLACK OXIDE	3/8"	5/8-18	INVERTED
	BLF-16C-5	BLF-16	BLF-16B	BLFX-16	STEEL	1/4"	7/16-24 Long	INVERTED
	BLF-38C-5	BLF-38	BLF-38B	BLFX-38	STEEL	3/16"	3/8-24	BUBBLE
	N/A	BLPF-38	N/A	N/A	STEEL/ BLACK OXIDE	3/16"	3/8-24	BUBBLE
	BLF-41C-5	BLF-41	BLF-41B	BLFX-41	STEEL	3/16"	1/2-20	INVERTED
	BLF-42C-5	BLF-42	BLF-42B	BLFX-42	STEEL	3/16"	9/16-18	INVERTED
	BLF-43C-5	BLF-43	BLF-43B	BLFX-43	STEEL	1/4"	9/16-18	INVERTED
	BLF-44C-5	BLF-44	BLF-44B	BLFX-44	STEEL	1/4"	1/2-20	INVERTED
	BLF-64C*	N/A	BLF-64B	N/A	BRASS	3/16"	3/8-24	INVERTED
	BLF-65C*	N/A	BLF-65B	N/A	BRASS	1/4"	7/16-24	INVERTED
	N/A	N/A	BLF-78B	N/A	BRASS	5/16"	1/2-20	INVERTED

Fittings

*1 Fitting/Card

METRIC TUBE NUTS

METRIC TUBE NUTS – To make a connection, place nut over the tubing with the threaded end pointed towards the end to be flared. The tube flare will be clamped between the nut and the flare seat when tightened.

Recommended Uses: Copper, Brass, Aluminum, & Steel Hydraulic Tubing
Working Temp (Pressure): -65°F to 250°F
Application: Brake, Fuel, Transmission









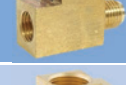

Fitting	5 Fittings/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread Size	Flare Type
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	BLF-39C-5	BLF-39	BLF-39B	BLFX-39	STEEL	3/16"	M10x1.0	BUBBLE
	N/A	BLPF-39	N/A	N/A	STEEL/ BLACK OXIDE	3/16"	M10x1.0	BUBBLE
	BLF-40C-5	BLF-40	BLF-40B	BLFX-40	STEEL	3/16"	M10x1.0	INVERTED
	N/A	BLPF-40	N/A	N/A	STEEL/ BLACK OXIDE	3/16"	M10x1.0	INVERTED
	BLF-46C-5	BLF-46	BLF-46B	BLFX-46	STEEL	6mm	M12x1.0	BUBBLE
	BLF-47C-5	BLF-47	BLF-47B	BLFX-47	STEEL	3/16"	M11x1.5	BUBBLE
	BLF-48C-5	BLF-48	BLF-48B	BLFX-48	STEEL	3/16"	M12x1.0	BUBBLE
	BLF-49C-5	BLF-49	BLF-49B	BLFX-49	STEEL	3/16"	M13x1.5	BUBBLE
	BLF-51C-5	BLF-51	BLF-51B	BLFX-51	STEEL	6mm	M12x1.0	BUBBLE
	BLF-52C-5	BLF-52	BLF-52B	BLFX-52	STEEL	6mm	M12x1.5	BUBBLE
	BLF-53C-5	BLF-53	BLF-53B	BLFX-53	STEEL	6mm	M14x1.5	BUBBLE
	N/A	N/A	BLF-77B	N/A	STEEL	3/16"	M10x1.0	INVERTED
	N/A	N/A	BLF-174B	N/A	STEEL	3/16"	M10x1.0	BUBBLE
	N/A	N/A	BLF-175B	N/A	STEEL	1/8"	M12x1.0	INVERTED
	FLR-008C*	FLR-008	FLR-008B	FLRX-008	STEEL	3/8"	M16x1.5	SURFACE SEAL
	FLR-009C*	FLR-009	FLR-009B	FLRX-009	STEEL	5/16"	M14x1.5	SURFACE SEAL

*1 Fitting/Card

SAE UNIONS

SAE UNIONS – Use to join two lines together. Match the thread and flare type to the lines being connected. Both flare type and thread must match for a leak-proof connection.




Recommended Uses: Copper, Brass, Aluminum, & Steel Hydraulic Tubing
Working Temp (Pressure): -65°F to 250°F
Application: Brake, Fuel, Transmission

Fitting	1 Fitting/Card	10 Fittings/Bags	1 Fitting/Bag	100/Box	Material	Tube Size	Thread Size	Flare Type
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	BLU-3C	BLU-3	BLU-3B	BLUX-3	BRASS	3/16"	3/8-24	INVERTED
	BLU-4C	BLU-4	BLU-4B	BLUX-4	BRASS	1/4"	7/16-24	INVERTED
	BLU-5C	BLU-5	BLU-5B	BLUX-5	BRASS	5/16"	1/2-20	INVERTED
	BLU-6C	BLU-6	BLU-6B	BLUX-6	BRASS	3/8"	5/8-18	INVERTED
	BLU-7C	BLU-7	BLU-7B	BLUX-7	STEEL	3/16"	3/8-24	BUBBLE
	BLF-59C	BLF-59	BLF-59B	BLFX-59	BRASS	3/16"	3/8-24	INVERTED
	N/A	N/A	BLF-74B	N/A	BRASS	1/4"	7/16-24	INVERTED
	N/A	N/A	BLF-99B	N/A	BRASS	5/16"	1/2-20	INVERTED
	N/A	N/A	BLF-100B	N/A	BRASS	3/16"	3/8-24	INVERTED
	N/A	N/A	BLF-107B	N/A	BRASS	3/8"	5/8-18	INVERTED

METRIC UNIONS

METRIC UNIONS – Use to join two lines together. Match the thread and flare type to the lines being connected. Both flare type and thread must match for a leak-proof connection.






















Recommended Uses: Copper, Brass, Aluminum, & Steel Hydraulic Tubing
Working Temp (Pressure): -65°F to 250°F
Application: Brake, Fuel, Transmission

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread Size	Flare Type
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	BLU-8C	BLU-8	BLU-8B	BLUX-8	STEEL	3/16"	M10x1.0	BUBBLE
	BLU-9C	BLU-9	BLU-9B	BLUX-9	BRASS	3/16"	M10x1.0	INVERTED
	BLU-10C	BLU-10	BLU-10B	BLUX-10	BRASS	6mm	M12x1.0	BUBBLE

BRAKE ADAPTERS SAE TO SAE

BRAKE ADAPTERS SAE TO SAE – Allows connection of standard brake lines to different size master cylinder ports. Match the male side of the adapter to the port connection and the female end of the adapter to the brake line flare nut.






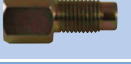



Recommended Uses: Hydraulic Brake Connections
Working Temp (Pressure): -65°F to 250°F
Application: Brake

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	BLF-17C	BLF-17	BLF-17B	BLFX-17	BRASS	1/2-20 INV	7/16-24 INV
	BLF-18C	BLF-18	BLF-18B	BLFX-18	BRASS	5/8-18 INV	1/2-20 INV
	BLF-19C	BLF-19	BLF-19B	BLFX-19	BRASS	7/16-24 INV	1/2-20 INV
	BLF-20C	BLF-20	BLF-20B	BLFX-20	BRASS	3/8-24 INV	1/2-20 INV
	BLF-21C	BLF-21	BLF-21B	BLFX-21	BRASS	1/2-20 INV	9/16-18 INV
	BLF-22C	BLF-22	BLF-22B	BLFX-22	BRASS	3/8-24 INV	7/16-24 INV
	BLF-23C	BLF-23	BLF-23B	BLFX-23	BRASS	7/16-24 INV	3/8-24 INV
	BLF-24C	BLF-24	BLF-24B	BLFX-24	BRASS	1/2-20 INV	5/8-18 INV
	BLF-25C	BLF-25	BLF-25B	BLFX-25	BRASS	7/16-24 INV	9/16-18 INV
	BLF-26C	BLF-26	BLF-26B	BLFX-26	BRASS	9/16-18 INV	1/2-20 INV
	BLF-27C	BLF-27	BLF-27B	BLFX-27	BRASS	3/8-24 INV	9/16-20 INV
	BLF-28C	BLF-28	BLF-28B	BLFX-28	BRASS	3/8-24 INV	9/16-18 INV
	BLF-30C	BLF-30	BLF-30B	BLFX-30	BRASS	3/8-24 INV	3/8-24 BUB
	BLF-55C	BLF-55	BLF-55B	BLFX-55	STEEL	3/8-24 BUB	7/16-20 BUB
	N/A	N/A	BLF-166B	N/A	BRASS	5/8-18 SAE	5/8-18 INV
	N/A	N/A	BLF-167B	N/A	STEEL	3/8-24 INV	1/2-20
	N/A	N/A	BLF-168B	N/A	STEEL	7/16-24 INV	7/16-20
	N/A	N/A	BLF-169B	N/A	BRASS	7/16-24 INV	1/2-20
	N/A	N/A	BLF-170B	N/A	BRASS	1/2-20 INV	1/2-20
	N/A	N/A	BLF-173B	N/A	BRASS	3/8-24 INV	1/2-20 BUB
	N/A	N/A	OGF-10B	N/A	STEEL	1/8-27 NPT	1/8-28 BSP

BRAKE ADAPTERS SAE TO METRIC

BRAKE ADAPTERS SAE TO METRIC – Allows connection of standard brake lines to different size master cylinder ports. Match the male side of the adapter to the port connection and the female end of the adapter to the brake line flare nut.

Recommended Uses: Hydraulic Brake Connections
Working Temp (Pressure): -65°F to 250°F
Application: Brake

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	BLF-29C	BLF-29	BLF-29B	BLFX-29	BRASS	3/8-24 INV	M10x1.0 INV
	BLF-31C	BLF-31	BLF-31B	BLFX-31	BRASS	3/8-24 INV	M10x1.0 BUB
	BLF-32C	BLF-32	BLF-32B	BLFX-32	BRASS	3/8-24 INV	M11x1.5 BUB
	BLF-33C	BLF-33	BLF-33B	BLFX-33	BRASS	3/8-24 INV	M12x1.0 BUB
	BLF-34C	BLF-34	BLF-34B	BLFX-34	BRASS	3/8-24 INV	M13x1.5 BUB
	BLF-54C	BLF-54	BLF-54B	BLFX-54*	STEEL	3/8-24 BUB	M9x1.0 INV
	BLF-61C	BLF-61	BLF-61B	BLFX-61	STEEL	3/8-24 BUB	M12x1.0 BUB
	N/A	N/A1	BLF-171B	N/A	BRASS	M10x1.25 INV	3/8-24 INV
	N/A	N/A	BLF-172B	N/A	BRASS	M10x1.25 BUB	3/8-24 INV




* BLFX-54 available in quantities of 10 per box only

Fittings




BRAKE ADAPTERS SAE TO NPT

BRAKE ADAPTERS SAE TO NPT – Adapts carburetor to fuel line.

Recommended Uses: Hydraulic Brake Connections
Working Temp (Pressure): -65°F to 250°F
Application: Brake

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	BLF-72B	N/A	BRASS	7/16-24	1/4 NPTM
	N/A	N/A	BLF-73B	N/A	BRASS	5/8-18 INV	1/4 NPTM
	N/A	N/A	BLF-86B	N/A	BRASS	5/16-28 INV	1/8 NPTM



BRAKE ADAPTERS SAE TO NPT *(Continued)*

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	BLF-87B	N/A	BRASS	5/8-18 INV	1/8" NPTM
	N/A	N/A	BLF-88B	N/A	BRASS	5/8-18 INV	3/8" NPTM
Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Male Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PTF-79	N/A	BRASS	3/8-24 INV	1/8" NPT

BRAKE ADAPTERS METRIC TO METRIC

BRAKE ADAPTERS METRIC TO METRIC – Allows connection of standard brake lines to different size master cylinder ports. Match the male side of the adapter to the port connection and the female end of the adapter to the brake line flare nut.



Recommended Uses: Hydraulic Brake Connections
Working Temp (Pressure): -65°F to 250°F
Application: Brake

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	BLF-35C	BLF-35	BLF-35B	BLFX-35	BRASS	M10x1.0 INV	M11x1.5 BUB
	BLF-36C	BLF-36	BLF-36B	BLFX-36	BRASS	M10x1.0 INV	M12x1.0 BUB
	BLF-37C	BLF-37	BLF-37B	BLFX-37	BRASS	M10x1.0 INV	M13x1.5 BUB
	N/A	N/A	BLF-219B	N/A	BRASS	M10x1.0 BUB	M11x1.5 BUB
	N/A	N/A	BLF-220B	N/A	BRASS	M10x1.0 BUB	M12x1.0 BUB
	N/A	N/A	BLF-221B	N/A	BRASS	M10x1.0 BUB	M13x1.5 BUB

MALE CONNECTOR FLARE TO FLARE

MALE CONNECTOR FLARE TO FLARE – Tube-to-tube male union connects two 45° female flared pipe ends.









Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	BLU-11B	N/A	BRASS	3/16"	3/8-24 SAE
	N/A	N/A	BLU-12B	N/A	BRASS	1/4"	7/16-20 SAE
	N/A	N/A	BLU-13B	N/A	BRASS	5/16"	1/2-20 SAE

MALE CONNECTOR FLARE TO NPT

MALE CONNECTOR FLARE TO NPT – Tube-to-flare male union connects tube to female pipe thread fitting.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Male Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	BLF-131B	N/A	BRASS	3/8-24 SAE	1/8 NPT
	N/A	N/A	BLF-132B	N/A	BRASS	7/16-20 SAE	1/8 NPT
	N/A	N/A	BLF-133B	N/A	BRASS	7/16-20 SAE	1/4 NPT
	N/A	N/A	BLF-134B	N/A	BRASS	1/2-20 SAE	1/8 NPT
	N/A	N/A	BLF-135B	N/A	BRASS	1/2-20 SAE	1/4 NPT
	N/A	N/A	BLF-137B	N/A	BRASS	5/8-18 SAE	1/4 NPT
	N/A	N/A	BLF-138B	N/A	BRASS	5/8-18 SAE	3/8 NPT
	N/A	N/A	BLF-141B*	N/A	BRASS	1/2-20 SAE	3/8 NPT

*5 Bags/Case

MALE ELBOW FLARE TO NPT

MALE ELBOW FLARE TO NPT – Tube-to-pipe thread male elbow.


Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Male Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	BLF-146B	N/A	BRASS	7/16-20 SAE	1/8 NPT
	N/A	N/A	BLF-149B	N/A	BRASS	1/2-20 SAE	1/8 NPT
	N/A	N/A	BLF-152B	N/A	BRASS	5/18-18 SAE	1/4 NPT

SAE PLUGS

SAE PLUG – Use for terminating or plugging a port opening. Tighten with a wrench for a leak-proof seal.





Recommended Uses: Copper, Brass, Aluminum, & Steel Hydraulic Tubing
Working Temp (Pressure): -65°F to 250°F
Application: Brake, Fuel, Transmission

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread Size	Flare Type
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	BLF-60C	BLF-60	BLF-60B	BLFX-60	BRASS	3/16"	3/8-24	INVERTED
	BLF-62C	N/A	BLF-62B	N/A	BRASS	1/4"	7/16-24	INVERTED
	BLF-63C	N/A	BLF-63B	N/A	BRASS	5/16"	1/2-20	INVERTED
	N/A	N/A	BLF-217B	N/A	BRASS	3/8"	5/8-18	INVERTED











NPT PLUGS

NPT PLUGS – Use for terminating or plugging a port opening. Tighten with a wrench for a leak-proof seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Hex	Thread Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	HHP-10B	N/A	BRASS	3/16"	1/8 NPT
	N/A	N/A	HHP-11B	N/A	BRASS	1/4"	1/4 NPT
	N/A	N/A	HHP-12B	N/A	BRASS	5/16"	3/8 NPT
	N/A	N/A	HHP-13B	N/A	BRASS	3/8"	1/2 NPT

NPT PLUGS (Continued)







Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Hex	Thread Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	PTF-10C	N/A	PTF-10B	N/A	BRASS	N/A	1/8 NPT
	PTF-11C	N/A	PTF-11B	N/A	BRASS	N/A	1/4 NPT
	PTF-12C	N/A	PTF-12B	N/A	BRASS	N/A	3/8 NPT
	PTF-13C	N/A	PTF-13B	N/A	BRASS	N/A	1/2 NPT
	N/A	N/A	PTF-14B*	N/A	BRASS	N/A	3/4 NPT
	N/A	N/A	PTF-58B	N/A	BRASS	N/A	1/8 NPT (SQUARE)
	PTF-59C	N/A	PTF-59B	N/A	BRASS	N/A	1/4 NPT (SQUARE)
	N/A	N/A	PTF-60B	N/A	BRASS	N/A	3/8 NPT (SQUARE)
	N/A	N/A	PTP-1B	N/A	BRASS	N/A	1/8 NPT
	N/A	N/A	PTP-2B	N/A	BRASS	N/A	1/4 NPT

*5 Bags/Case

NPT ADAPTERS

NPT ADAPTERS – Convert between different NPT thread sizes. Threads conform to the American standard taper pipe thread & resist vibration. Tighten a minimum of 2-1/2 turns after hand tightening for air tight seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas




Fitting	1 Fitting/ Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PTF-51B	N/A	BRASS	1/8 NPT	1/8 NPT
	PTF-52C	N/A	PTF-52B	N/A	BRASS	1/4 NPT	1/8 NPT
	N/A	N/A	PTF-53B	N/A	BRASS	1/4 NPT	1/4 NPT
	PTF-54C	N/A	PTF-54B*	N/A	BRASS	3/8 NPT	1/4 NPT
	N/A	N/A	PTF-55B*	N/A	BRASS	3/8 NPT	3/8 NPT
	PTF-56C	N/A	PTF-56B*	N/A	BRASS	1/2 NPT	3/8 NPT

*5 Bags/Case

NPT END CAPS

NPT END CAPS – Pipe thread end cap closes allows for the complete blocking and closure of the tube end.


Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/ Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	N/A	N/A	PTC-1B	N/A	BRASS	1/8 NPT
	N/A	N/A	PTC-2B	N/A	BRASS	1/4 NPT
	N/A	N/A	PTC-3B	N/A	BRASS	3/8 NPT

NPT BUSHING

NPT BUSHING – Convert between different NPT thread sizes. Threads conform with the American standard taper pipe thread & resist vibration. Tighten a minimum of 2-1/2 turns after hand tightening for air tight seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas














Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	PTF-15C	N/A	PTF-15B	N/A	BRASS	1/8 NPT	1/4 NPT
	PTF-16C	N/A	PTF-16B	N/A	BRASS	1/8 NPT	3/8 NPT
	PTF-17C	N/A	PTF-17B	N/A	BRASS	1/4 NPT	3/8 NPT
	N/A	N/A	PTF-18B	N/A	BRASS	1/4 NPT	3/8 NPT
	PTF-19C	N/A	PTF-19B*	N/A	BRASS	1/4 NPT	1/2 NPT
	PTF-20C	N/A	PTF-20B*	N/A	BRASS	3/8 NPT	1/2 NPT
	N/A	N/A	PTF-21B*	N/A	BRASS	1/8 NPT	1/2 NPT
	PTF-22C	N/A	PTF-22B*	N/A	BRASS	3/8 NPT	3/4 NPT

*5 Bags/Case




NPT NIPPLE

NPT NIPPLE – Threads conform with the American standard taper pipe thread & resist vibration. Tighten a minimum of 2-1/2 turns after hand tightening for air tight seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F
 (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Type	Length	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	PTF-23C	N/A	PTF-23B	N/A	BRASS	CLOSE	3/4"	1/8 NPT
	PTF-24C	N/A	PTF-24B	N/A	BRASS	CLOSE	7/8"	1/4 NPT
	PTF-25C	N/A	PTF-25B	N/A	BRASS	CLOSE	1"	3/8 NPT
	PTF-26C	N/A	PTF-26B	N/A	BRASS	CLOSE	1-1/8"	1/2 NPT
	PTF-27C	N/A	PTF-27B	N/A	BRASS	LONG	1-1/2"	1/8 NPT
	N/A	N/A	PTF-28B	N/A	BRASS	LONG	2"	1/8 NPT
	N/A	N/A	PTF-29B	N/A	BRASS	LONG	2-1/2"	1/8 NPT
	PTF-32C	N/A	PTF-32B	N/A	BRASS	LONG	1-1/2"	1/4 NPT
	N/A	N/A	PTF-33B*	N/A	BRASS	LONG	2"	1/4 NPT
	N/A	N/A	PTF-37B	N/A	BRASS	LONG	1-1/2"	3/8 NPT
	N/A	N/A	PTF-38B	N/A	BRASS	LONG	2"	3/8 NPT
	PTF-64C	N/A	PTF-64B	N/A	BRASS	HEX	1-3/8"	1/4 NPT
	PTF-66C	N/A	PTF-66B	N/A	BRASS	HEX	1-7/16"	3/8 NPT




*5 Bags/Case

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Type	Male Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	N/A	N/A	PTF-62B	N/A	BRASS	HEX	1/8 NPT	1/8 NPT
	N/A	N/A	PTF-63B	N/A	BRASS	HEX	1/4 NPT	1/8 NPT
	N/A	N/A	PTF-65B	N/A	BRASS	HEX	3/8 NPT	1/4 NPT









NPT ELBOW

NPT ELBOW – Threads conform with the American standard taper pipe thread & resist vibration. Tighten a minimum of 2-1/2 turns after hand tightening for air tight seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F
 (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Female Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PTE-10B	N/A	BRASS	1/8 NPT	1/8 NPT
	N/A	N/A	PTE-11B*	N/A	BRASS	1/4 NPT	1/4 NPT
	N/A	N/A	PTE-12B	N/A	BRASS	3/8 NPT	3/8 NPT

*5 Bags/Case









Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	PTF-46C	N/A	PTF-46B	N/A	BRASS	1/8 NPT	1/8 NPT
	PTF-47C	N/A	PTF-47B	N/A	BRASS	1/4 NPT	1/4 NPT
	PTF-48C	N/A	PTF-48B*	N/A	BRASS	3/8 NPT	3/8 NPT
	N/A	N/A	PTF-49B*	N/A	BRASS	1/4 NPT	1/8 NPT
	N/A	N/A	PTF-50B*	N/A	BRASS	1/2 NPT	1/2 NPT
	PTF-69C	N/A	PTF-69B	N/A	BRASS	1/8 NPT	1/8 NPT
	N/A	N/A	PTF-70B	N/A	BRASS	1/4 NPT 45°	1/4 NPT
	PTF-71C	N/A	PTF-71B	N/A	BRASS	3/8 NPT	3/8 NPT

*5 Bags/Case

NPT TEE

NPT TEE – Threads conform with the American standard taper pipe thread & resist vibration. Tighten a minimum of 2-1/2 turns after hand tightening for air tight seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas


Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	BLF-58C	BLF-58	BLF-58B	BLFX-58	BRASS	3/8-24 INVERTED	1/8 NPT
	BLF-70C	N/A	BLF-70B	N/A	BRASS	1/8 NPT	N/A
	BLF-71C	N/A	BLF-71B	N/A	BRASS	1/4 NPT	N/A
	N/A	N/A	BLF-161B	N/A	BRASS	3/8 NPT	N/A
	N/A	N/A	BLF-162B*	N/A	BRASS	1/2 NPT	N/A
	N/A	N/A	PTF-72B	N/A	BRASS	1/8 NPT	1/8 NPT
	PTF-73C	N/A	PTF-73B	N/A	BRASS	1/4 NPT	1/4 NPT
	N/A	N/A	PTF-74B*	N/A	BRASS	3/8 NPT	3/8 NPT

*5 Bags/Case

NPT COUPLING

NPT COUPLING – Threads conform with the American standard taper pipe thread & resist vibration. Tighten a minimum of 2-1/2 turns after hand tightening for air tight seal.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas




Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Thread Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	PTU-10C	N/A	PTU-10B	N/A	BRASS	1/8 NPT
	PTU-11C	N/A	PTU-11B	N/A	BRASS	1/4 NPT
	PTU-12C	N/A	PTU-12B*	N/A	BRASS	3/8 NPT
	PTU-13C	N/A	PTU-13B*	N/A	BRASS	1/2 NPT

*5 Bags/Case

REDUCING COUPLING

REDUCING COUPLING – Pipe thread reducing coupling reduces the pipe thread diameter.

Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas







Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Female Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PFT-75B	N/A	BRASS	1/4 NPT	1/8 NPT
	N/A	N/A	PTF-77B*	N/A	BRASS	3/8 NPT	1/4 NPT
	N/A	N/A	PTF-78B*	N/A	BRASS	1/2 NPT	3/8 NPT

*5 Bags/Case

FLARED NUT

FLARED NUT – Female long nut for flared tubing. Flare seals at base of female thread to attach to male thread and seat.



Recommended Uses: Copper, Brass, & Aluminum
Working Temp (Pressure): Tubing Dependent
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Type	Tube Size	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	N/A	N/A	BLF-102B	N/A	BRASS	SHORT	3/16"	3/8-24 SAE
	N/A	N/A	BLF-103B	N/A	BRASS	SHORT	1/4"	7/16-20 SAE
	N/A	N/A	BLF-108B	N/A	BRASS	LONG	3/16"	3/8-24 SAE
	N/A	N/A	BLF-109B	N/A	BRASS	LONG	1/4"	7/16-20 SAE
	N/A	N/A	BLF-110B	N/A	BRASS	LONG	5/16"	1/2-20 SAE
	N/A	N/A	BLF-111B	N/A	BRASS	LONG	3/8"	5/8-18 SAE

SAE TO NPT FEMALE CONNECTOR

SAE TO NPT FEMALE CONNECTOR – Adapts an SAE inverted thread to a thread which conform with American standard taper pipe thread.












Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	BLF-94B	N/A	BRASS	3/8-24 INVERTED	1/8 NPT
	N/A	N/A	BLF-95B	N/A	BRASS	7/16-24 INVERTED	1/8 NPT
	N/A	N/A	BLF-115B	N/A	BRASS	1/8 NPT	7/16-20 SAE

SAE TO NPT MALE CONNECTOR

SAE TO NPT MALE CONNECTOR – Adapts an SAE inverted thread to a thread which conform with American standard taper pipe thread.





Recommended Uses: Copper, Brass, & Iron
Working Temp (Pressure): -65°F to 250°F (1,000 psi)
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	BLF-56C	BLF-56	BLF-56B	BLFX-56	BRASS	3/8-24 INVERTED	1/8 NPT
	BLF-57C	BLF-57	BLF-57B	BLFX-57	BRASS	3/8-24 INVERTED	1/8 NPT
	BLF-66C	N/A	BLF-66B	N/A	BRASS	7/16-24 INVERTED	1/8 NPT
	BLF-67C	N/A	BLF-67B	N/A	BRASS	7/16-24 INVERTED	1/8 NPT
	BLF-68C	N/A	BLF-68B	N/A	BRASS	1/2-20 INVERTED	1/8 NPT
	BLF-69C	N/A	BLF-69B	N/A	BRASS	1/2-20 INVERTED	1/4 NPT
	N/A	N/A	BLF-80B	N/A	BRASS	7/16-24 INVERTED	1/4 NPT
	N/A	N/A	BLF-81B	N/A	BRASS	1/2-20 INVERTED	1/8 NPT
	N/A	N/A	BLF-82B	N/A	BRASS	5/8-18 INVERTED	1/8 NPT
	N/A	N/A	BLF-84B	N/A	BRASS	5/8-18 INVERTED	1/4 NPT
	N/A	N/A	BLF-85B	N/A	BRASS	5/8-18 INVERTED	3/8 NPT

FEMALE NPT TO COMPRESSION

FEMALE NPT TO COMPRESSION – For low pressure applications. Compression to female pipe thread coupling joins a tube end to a male NPT fitting.










Recommended Uses: Copper, Brass, & Aluminum
Working Temp (Pressure): Tubing Dependent
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Female Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	CFF-1B	N/A	BRASS	1/8"	1/8 NPT
	N/A	N/A	CFF-2B	N/A	BRASS	3/16"	1/8 NPT
	N/A	N/A	CFF-3B	N/A	BRASS	1/4"	1/8 NPT
	N/A	N/A	CFF-6B	N/A	BRASS	5/16"	1/4 NPT
	N/A	N/A	CFF-8B	N/A	BRASS	3/8"	1/4 NPT









MALE NPT TO COMPRESSION

MALE NPT TO COMPRESSION – Adapts a compression connection to a thread which conform with American standard taper pipe thread.


Recommended Uses: Copper, Brass, & Aluminum
Working Temp (Pressure): Tubing Dependent
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	CF-10C	N/A	CF-10B	N/A	BRASS	1/8"	1/8 NPT
	N/A	N/A	CF-11B	N/A	BRASS	3/16"	1/8 NPT
	CF-12C	N/A	CF-12B	N/A	BRASS	1/4"	1/8 NPT
	CF-13C	N/A	CF-13B	N/A	BRASS	1/4"	1/4 NPT
	N/A	N/A	CF-14B	N/A	BRASS	5/16"	1/8 NPT
	N/A	N/A	CF-15B	N/A	BRASS	5/16"	1/4 NPT
	N/A	N/A	CF-16B	N/A	BRASS	3/8"	1/8 NPT
	CF-17C	N/A	CF-17B	N/A	BRASS	3/8"	1/4 NPT
	N/A	N/A	CF-18B*	N/A	BRASS	3/8"	3/8 NPT

MALE NPT TO COMPRESSION (Continued)

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	CF-22B	N/A	BRASS	1/2"	3/8 NPT
	N/A	N/A	CF-26B	N/A	BRASS	1/8"	1/8 NPT
	N/A	N/A	CF-27B	N/A	BRASS	3/16"	1/8 NPT
	N/A	N/A	CF-28B	N/A	BRASS	1/4"	1/4 NPT
	CF-29C	N/A	CF-29B	N/A	BRASS	1/4"	1/8 NPT
	N/A	N/A	CF-30B	N/A	BRASS	5/16"	1/8 NPT
	N/A	N/A	CF-33B*	N/A	BRASS	3/8"	1/4 NPT
	N/A	N/A	CF-34B	N/A	BRASS	3/8"	3/8 NPT

*5 Bags/Case

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	CFD-7B	N/A	BRASS	7/16-24	1/8 NPT

COMPRESSION UNION

COMPRESSION UNION – Used in low pressure applications. To make a connection, place nut and then the sleeve over the tubing and insert tube into fitting body. When tight, the wedging action creates a leak-free connection.

Recommended Uses: Copper, Brass, & Aluminum
Working Temp (Pressure): Tubing Dependent
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			

COMPRESSION UNION



NOT for use
with Braking
Systems

CF-0	CFB-0	CF-0B	CFX-0	BRASS	1/8"
CF-1	CFB-1	CF-1B	CFX-1	BRASS	3/16"
CF-2	CFB-2	CF-2B	CFX-2	BRASS	1/4"
CF-3	CFB-3	CF-3B	CFX-3	BRASS	5/16"
CF-4	CFB-4	CF-4B	CFX-4	BRASS	3/8"
CF-5	CFB-5*	CF-5B**	CFX-5***	BRASS	1/2"
N/A	N/A	CF-6B	N/A	BRASS	5/8"

*CFB-5 available in quantities of 5/Bag only. **CF-5B available in quantities of 5 Bags/Case. ***CFX-5 available in quantities of 10/Box only.

COMPRESSION UNION *(Continued)*

COMPRESSION UNION – Used in low pressure applications. To make a connection, place nut and then the sleeve over the tubing and insert tube into fitting body. When tight, the wedging action creates a leak-free connection.

Recommended Uses: Copper, Brass, & Aluminum
Working Temp (Pressure): Tubing Dependent
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			

COMPRESSION SLEEVE



CFS-0C	CFS-0B-10	CFS-0B	N/A	BRASS	1/8"
CFS-1C	CFS-1B-10	CFS-1B	N/A	BRASS	3/16"
CFS-2C	CFS-2B-10	CFS-2B	N/A	BRASS	1/4"
CFS-3C	CFS-3B-10	CFS-3B	N/A	BRASS	5/16"
CFS-4C	CFS-4B-10	CFS-4B	N/A	BRASS	3/8"
CFS-5C	CFS-5B-10	CFS-5B	N/A	BRASS	1/2"
N/A	N/A	CF-9B	N/A	BRASS	5/8"

COMPRESSION NUT



CFN-0C	CFN-0B-5*	CFN-0B	N/A	BRASS	1/8"
N/A	CFN-1B-5*	N/A	N/A	BRASS	3/16"
CFN-2C	CFN-2B-5*	CFN-2B	N/A	BRASS	1/4"
N/A	CFN-3B-5*	N/A	N/A	BRASS	5/16"
CFN-4C	CFN-4B-5*	CFN-4B	N/A	BRASS	3/8"

DOUBLE COMPRESSION NUT



N/A	N/A	CFD-0B	N/A	BRASS	5/16-24	1/8"
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CFA-1 COMPRESSION UNION ASSORTMENT – 6 SKU

An assortment that contains 1/8", 3/16", 1/4", 5/16", 3/8", and 1/2" compression unions (22 pieces) for joining copper, brass, or aluminum tubing in low-pressure applications (NOT for use in braking systems).



ASSORTMENT CONTENT			
Part No.	QTY	Part No.	QTY
CF-0	2	CF-3	2
CF-1	10	CF-4	2
CF-2	4	CF-5	2



COMPRESSION TEE

COMPRESSION TEE – Used in low pressure applications. To make a connection, place nut and then the sleeve over the tubing and insert tube into fitting body. When tight, the wedging action creates a leak-free connection.











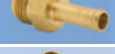

Recommended Uses: Copper, Brass, & Aluminum
Working Temp (Pressure): Tubing Dependent
Application: Oil, Water, Air, & Natural Gas

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	N/A	N/A	CFT-2B	N/A	BRASS	5/16"
	N/A	N/A	CFT-3B	N/A	BRASS	3/8"

MALE CLAMP HOSE FITTINGS
















MALE CLAMP HOSE FITTINGS – For low pressure applications. To assemble, cut hose squarely. Slide clamp onto hose and then lubricate. Push hose onto fitting until bottoming out. Position clamp between fitting ball and end of hose.

Recommended Uses: Multi-Purpose Hose
Working Temp (Pressure): -40°F to 250°F (60 psi)
Application: Fuel, Oil, & Vacuum

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Hose Size	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	CHF-10C	N/A	CHF-10B	N/A	BRASS	3/16"	1/8" NPT
	CHF-11C	N/A	CHF-11B	N/A	BRASS	1/4"	1/8" NPT
	CHF-12C	N/A	CHF-12B	N/A	BRASS	5/16"	1/8" NPT
	CHF-13C	N/A	CHF-13B	N/A	BRASS	1/4"	1/4" NPT
	CHF-14C	N/A	CHF-14B	N/A	BRASS	5/16"	1/4" NPT
	CHF-15C	N/A	CHF-15B	N/A	BRASS	3/8"	1/8" NPT
	CHF-17C	N/A	CHF-17B	N/A	BRASS	3/8"	1/4" NPT
	CHF-18C	N/A	CHF-18B	N/A	BRASS	3/8"	3/8" NPT
	N/A	N/A	CHF-19B	N/A	BRASS	5/16"	7/16-24 INVERTED
	N/A	N/A	CHF-21B	N/A	BRASS	3/8"	1/2-20 INVERTED
	N/A	N/A	CHF-22B	N/A	BRASS	5/16"	5/8-18 INVERTED
	N/A	N/A	CHF-26B	N/A	BRASS	5/16"	1/2-20 INVERTED

Fittings

MALE CLAMP HOSE FITTINGS *(Continued)*




Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Hose Size	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	CHF-27B	N/A	BRASS	3/8"	1/2-20 INVERTED
	N/A	N/A	CHF-28B	N/A	BRASS	3/8"	5/8-18 INVERTED
	N/A	N/A	CHF-30B	N/A	BRASS	5/16"	1/2-20 INVERTED
	N/A	N/A	CHF-32B	N/A	BRASS	1/4"	1/8 NPT
	N/A	N/A	CHF-33B	N/A	BRASS	5/16"	1/8 NPT
	N/A	N/A	CHF-34B	N/A	BRASS	3/8"	1/8 NPT
	N/A	N/A	CHF-35B	N/A	BRASS	5/16"	1/4 NPT
	FHF-10C	N/A	FHF-10B	N/A	BRASS	1/4"	1/8 NPT
	FHF-11C	N/A	FHF-11B	N/A	BRASS	3/8"	3/8 NPT
	FHF-12C	N/A	FHF-12B	N/A	BRASS	3/8"	1/8 NPT
	FHF-13C	N/A	FHF-13B	N/A	BRASS	3/8"	1/4 NPT
	FHF-14C	N/A	FHF-14B	N/A	BRASS	5/16"	1/4 NPT
	FHF-15C	N/A	FHF-15B	N/A	BRASS	5/16"	1/2-20 INVERTED
	FHF-16C	N/A	FHF-16B	N/A	BRASS	3/8"	1/4 NPT
	FHF-17C	N/A	FHF-17B	N/A	BRASS	3/8"	5/8-18 INVERTED

Fittings

CLAMP HOSE TEE

CLAMP HOSE TEE – For low pressure applications. To assemble, cut hose squarely. Slide clamp onto hose and then lubricate. Push hose onto fitting until bottoming out. Position clamp between fitting ball and end of hose.



















Recommended Uses: Multi-Purpose Hose
Working Temp (Pressure): Tubing Dependant
Application: Fuel, Oil, & Vacuum

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Hose Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	N/A	N/A	CHF-39B	N/A	BRASS	1/4"
	N/A	N/A	CHF-40B	N/A	BRASS	5/16"
	N/A	N/A	CHF-41B	N/A	BRASS	3/8"

PUSH-ON HOSE FITTINGS

PUSH-ON HOSE FITTINGS – For low & medium pressure applications. Quick connecting and high resistance to vibration.

Recommended Uses: Multi-Purpose Hose
Working Temp (Pressure): -40°F to 250°F (150 psi)
Application: Fuel, Fluid, & Vacuum

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PHE-10B	N/A	BRASS	1/4"	1/8 NPT
	N/A	N/A	PHE-11B	N/A	BRASS	5/16"	1/8 NPT
	N/A	N/A	PHE-12B	N/A	BRASS	1/4"	1/4 NPT
	N/A	N/A	PHE-13B	N/A	BRASS	5/16"	1/4 NPT
	N/A	N/A	PHE-14B	N/A	BRASS	1/4"	1/4 NPT
	N/A	N/A	PHE-15B	N/A	BRASS	5/16"	3/8 NPT
	N/A	N/A	PHE-16B*	N/A	BRASS	3/8"	3/8 NPT
	PHF-10C	N/A	PHF-10B	N/A	BRASS	1/4"	1/8 NPT
	N/A	N/A	PHF-11B	N/A	BRASS	5/16"	1/8 NPT
	N/A	N/A	PHF-12B	N/A	BRASS	1/4"	1/4 NPT
	N/A	N/A	PHF-13B	N/A	BRASS	5/16"	1/4 NPT
	PHF-14C	N/A	PHF-14B	N/A	BRASS	3/8"	1/4 NPT
	N/A	N/A	PHF-17B*	N/A	BRASS	1/2"	3/8 NPT
	N/A	N/A	PHF-18B*	N/A	BRASS	1/2"	1/2 NPT
	N/A	N/A	PHF-19B	N/A	BRASS	1/4"	N/A
	N/A	N/A	PHF-20B	N/A	BRASS	5/16"	N/A
	N/A	N/A	PHF-21B	N/A	BRASS	3/8"	N/A
	N/A	N/A	PHR-14B	N/A	BRASS	3/8"	5/8-18 INVERTED

*5 Bags/Case

Fittings

PUSH-ON SWIVEL HOSE

PUSH-ON SWIVEL HOSE – : For low pressure applications. Joins tubing with inverted type flare to male push-on hose barb that swivels.

Recommended Uses: Multi-Purpose Hose
Maximum Pressure: -40°F to 250°F
Application: Fuel, Oil, & Vacuum

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PHSF-11B	N/A	BRASS	1/4"	7/16-24 INVERTED
	N/A	N/A	PHS-12B	N/A	BRASS	1/4"	1/2-20 INVERTED
	N/A	N/A	PHS-13B	N/A	BRASS	5/16"	1/2-20 INVERTED
	N/A	N/A	PHS-14B	N/A	BRASS	3/8"	1/2-20 INVERTED
	N/A	N/A	PHS-15B*	N/A	BRASS	5/16"	5/8-18 INVERTED
	N/A	N/A	PHS-16B*	N/A	BRASS	3/8"	5/8-18 INVERTED






*5 Bags/Case

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size	Female Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	PHSF-10B	N/A	BRASS	1/4"	7/16-20 SAE









GREASE FITTINGS

GREASE FITTINGS – Used in many automotive applications. Plated to resist corrosion. Fittings are hardened and supplied with ball check (except drive-type).

Recommended Uses: Multi-Purpose
Maximum Pressure: 10,000 psi
 (Drive-Type is 1,000 psi)

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Type	Length	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	GF-10C	N/A	GF-10B	N/A	STEEL	45° ELBOW	1-3/64"	1/8 NPT
	GF-11C	N/A	GF-11B	N/A	STEEL	90° ELBOW	27/32"	1/8 NPT
	GF-12C	N/A	GF-12B	N/A	STEEL	SHORT STRAIGHT	9/16"	1/4-28
	GF-13C	N/A	GF-13B	N/A	STEEL	LONG STRAIGHT	23/32"	1/4-28
	GF-14C	N/A	GF14B	N/A	STEEL	90° ELBOW	49/64"	1/4-28








GREASE FITTINGS

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Type	Length	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	GF-15C	GF-15B-5	GF-15B	N/A	STEEL	DRIVE-TYPE	9/16"	1/4-28
	GF-16C	N/A	GF-16B	N/A	STEEL	STRAIGHT	31/32"	1/4 NPT
	GF-17C	N/A	GF-17B	N/A	STEEL	DRIVE-TYPE	37/64"	3/16"
	GF-18C	N/A	GF-18B	N/A	STEEL	STRAIGHT	12.8mm	M6x1.0
	GF-19C	N/A	GF-19B	N/A	STEEL	STRAIGHT	16.3mm	M8x1.0
	GF-20C	N/A	GF-20B	N/A	STEEL	45° ELBOW	24.1mm	M8x1.0
	GF-21C	N/A	GF-21B	N/A	STEEL	STRAIGHT	15.5mm	M10x1.0
	GF-22C	N/A	GF-22B	N/A	STEEL	STRAIGHT	43/64"	1/8 NPT





DRAIN COCK

DRAIN COCK – For low pressure applications. External seat & internal seat drain cocks provide leak-proof metal to metal seal with only hand tightening.

Recommended Uses: Low Pressure
Working Temperatures: -65°F to 250°F
Application: Vacuum, Water, & Anti-Freeze Lines

Fitting	1 Fitting/Card	10 Fitting/Bag	1 Fitting/Bag	100/Box	Material	Type	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	N/A	N/A	DCF-9	N/A	BASS	STANDARD	N/A	1/8 NPT
	DCF-10C	N/A	DCF-10B	N/A	BASS	STANDARD	N/A	1/4 NPT
	N/A	N/A	DCF-13B	N/A	BASS	BACK SEATING	N/A	1/8 NPT
	DCF-14C	N/A	DCF-14B	N/A	BASS	BACK SEATING	N/A	1/4 NPT
	N/A	N/A	DCF-15B*	N/A	BASS	BACK SEATING	N/A	3/8 NPT
	N/A	N/A	DCF-18B*	N/A	BASS	STANDARD	N/A	1/4 NPT
	N/A	N/A	DCF-28B	N/A	BASS	SHUTOFF	N/A	1/8 NPT

DRAIN COCK (Continued)












Fitting	1 Fitting/Card	10 Fitting/Bag	1 Fitting/Bag	100/Box	Material	Type	Female Thread	Male Thread
	10 Cards/Case	1 Bag/Case	10 Bags/Case					
	N/A	N/A	SOC-10B*	N/A	BRASS	SHUTOFF	N/A	1/8 NPTM
	N/A	N/A	SOC-11B**	N/A	BRASS	SHUTOFF	N/A	1/4 NPTM
	N/A	N/A	SOC-15B**	N/A	BRASS	SHUTOFF	1/4 NPT	1/4 NPT
	N/A	N/A	SOC-26B	N/A	BRASS	SHUTOFF	1/4 NPTF	N/A

*5 Bags/Case ** 3 Bags/Case








PLASTIC CONNECTOR

PLASTIC CONNECTOR – For windshield washer and vacuum lines. Made of high density polypropylene. Barbed ends allow quick connection.

Recommended Uses: Multi-Purpose Tubing
Working Temperatures: Tubing Dependent
Application: Vacuum, Water, & Anti-Freeze Lines

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	PRF-10C	N/A	PRF-10B	N/A	PLASTIC	1/8"
	N/A	N/A	PRF-11B	N/A	PLASTIC	1/4"
	PRF-12C	N/A	PRF-12B	N/A	PLASTIC	3/16"
	N/A	N/A	PRF-13B	N/A	PLASTIC	5/16"
	N/A	N/A	PRF-16B	N/A	PLASTIC	3/16"
	N/A	N/A	PRF-18B	N/A	PLASTIC	1/4"
	N/A	N/A	PRF-19B	N/A	PLASTIC	5/16"
	N/A	N/A	PRF-20B	N/A	PLASTIC	3/8"
	N/A	N/A	PRF-29B	N/A	PLASTIC	(2) 7/32" x 5/32"
	N/A	N/A	PRF-32B	N/A	PLASTIC	1/8"
	N/A	N/A	PRF-33B	N/A	PLASTIC	5/32"




PLASTIC CONNECTOR *(Continued)*

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	N/A	N/A	PRF-34B	N/A	PLASTIC	3/16"
	N/A	N/A	PRF-35B	N/A	PLASTIC	1/4"
	N/A	N/A	PRF-36B	N/A	PLASTIC	5/16"
	N/A	N/A	PRF-37B	N/A	PLASTIC	3/8"
	N/A	N/A	PRF-38B	N/A	PLASTIC	5/32" x 3/8"
	N/A	N/A	PRF-39B	N/A	PLASTIC	3/16"
	N/A	N/A	PRF-40B	N/A	PLASTIC	5/32" x 1/4" x 3/8"

PLASTIC VACUUM CAPS

PLASTIC VACUUM CAPS – For low pressure applications. Caps and seals the ends of vacuum lines, hose nipples and fittings.


Recommended Uses: Multi-Purpose Tubing
Working Temp (Pressure): Tubing Dependent
Application: Vacuum, Water, & Coolant Lines

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Tube Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case			
	N/A	N/A	PRF-45B	N/A	PLASTIC	1/8"
	N/A	N/A	PRF-46B	N/A	PLASTIC	3/16"
	N/A	N/A	PRF-49B	N/A	PLASTIC	3/8"

TRANSMISSION ADAPTERS

TRANSMISSION ADAPTERS– For transmission and oil cooler lines. Made of steel.

Recommended Uses: Metal to Rubber Hose
Working Temp (Pressure): Tubing Dependent
Application: Transmission and Oil Cooler Lines

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Length	Thread Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	N/A	N/A	TR-900	N/A	STEEL	1-1/2"	7/16-24

CAP SCREW

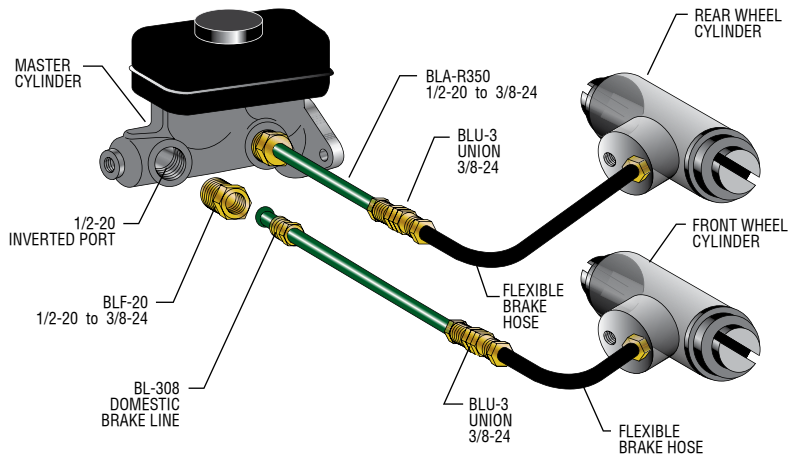
CAP SCREW – Made of low-carbon steel and are common in construction or repair projects.

Recommended Uses: Metal to Metal
Working Temp (Pressure): -65°F to 250°F
Application: Metal to Metal Fastening

Fitting	1 Fitting/Card	10 Fittings/Bag	1 Fitting/Bag	100/Box	Material	Length	Thread Size
	10 Cards/Case	1 Bag/Case	10 Bags/Case				
	CSH-10C	N/A	CSH-10B	N/A	STEEL	1-1/2"	7/16-24

BRAKE SYSTEM CONNECTION DIAGRAM

The diagram is simplified to show how the connection from master cylinder to the wheel cylinder is made. Two options for adapting the different sized ports on the master cylinder (1/2-20) to a standard 3/16" domestic brake system (3/8-24) are shown. One uses a simple adapter fitting (BLF-20) while the other uses an 8" adapter line (BLA-R350) and a union (BLU-3). Both are good solutions and accomplish the same objective.



FITTING ASSORTMENTS

AGS Fitting Assortments are designed for the specialty and general repair shops. Each assortment contains a specific collection of fast moving fittings that should be kept on hand when working with automotive hydraulic braking systems. Assortments are packaged in shatter-resistant, see-through plastic trays. Locator labels on the inside lid make locating, selecting, and re-filling quick and easy.

BLFA-1 Tube Nut Assortment - 9 SKU

Includes nine specialized tube nuts used in 8" brake adapter lines for connecting different sized port openings on master cylinders to standard brake systems. Contains both SAE Inverted and ISO Bubble tube nuts as well as UNF Imperial and Metric threads.



BLFA-2 Metric Fitting Assortment- 9 SKU

Assortment of nine most popular metric fittings (tube nuts, unions, and adapters) for use when working with braking systems of Japanese and European vehicles.



FITTING ASSORTMENTS *(Continued)*

BLFA-3 Master Cylinder Adapter Assortment - 18 SKU

A complete master cylinder adapter assortment for converting different sized port opening on master cylinders to standard braking systems. Adapters are included for converting from non-standard UNF imperial threads to standard 3/16", 1/4", 5/16" and 3/8" brake, fuel, and transmission systems. Also convert domestic systems to import systems and vice-versa.



BLFA-4 Master Cylinder Adapter Assortment - 9 SKU

Nine of the most popular master cylinder adapters for Domestic vehicles. Adapt different sized port openings on master cylinders to standard 3/16" and 1/4" Domestic brake systems. Also includes adapters for converting between 5/16" and 3/8" port sizes.



BLFA-5 Large Fitting Assortment - 24 SKU

An assortment of 24 most popular Tube Nuts, Unions, and Adapters for most repair shops. Includes Tube Nuts for all Domestic applications, as well as 6mm and Japanese. Also includes Unions for 3/16" and 1/4" Domestic, Japanese and European vehicles. Popular adapters include European to Domestic and Japanese to Domestic. Also included are non-standard Tube Nuts for adapter line applications.



BLFA-6 Large Fitting Assortment - 18 SKU

An assortment of 18 Tube Nuts, Unions, and Adapters for any repair shop and especially those working on import vehicles. Includes Tube Nuts for all Import brake applications, as well as 3/16" Domestic. Also includes Unions for British and GM 6mm. Adapters include a 6mm to 3/16" domestic brake system.



BLFA-7 Union Assortment - 8 SKU

An assortment of 8 brass unions for joining all types of brake and fluid transfer lines: Domestic 3/16", 1/4", 5/16", 3/8", Japanese, European, British, and 6mm.



BLFA-8 Fitting Assortment - 24 SKU

An assortment that contains tube nuts, adapters, and unions for working with all types (domestic, import, 6mm) of 3/16" diameter brake line systems.



BLFA-8K – See Page 56

BLFA-9 Fitting Assortment - 8 SKU

An assortment that contains tube nuts, adapters, and unions for working with all types of domestic and import 1/4" diameter brake line systems.



BLFA-9K – See Page 56

BLFA-10 Fitting Assortment - 32 SKU

An assortment of the 32 most common tube nuts, adapters, and unions. Ideal for working with all types of domestics and import (British, European, and Japanese) 3/16" or 1/4" diameter brake line systems.



BLFA-10K – See Page 56

ASSORTMENT CONTENTS

ASSORTMENTS

Fitting Part No.	BLFA-1	BLFA-2	BLFA-3	BLFA-4	BLFA-5	BLFA-6	BLFA-7	BLFA-8	BLFA-9	BLFA-10
BLF-10						10		10		10
BLF-11	5				10			10		10
BLF-12					10			20		20
BLF-13					10				4	4
BLF-14					10					
BLF-15						10				
BLF-16					10				4	4
BLF-17			2							
BLF-18			2	2	5	5				
BLF-19			2	2		5			2	2
BLF-20			2	2		5		1		1
BLF-22			2	2				1		1
BLF-23			2	2					2	2
BLF-24			2	2						
BLF-25			2	2					2	2
BLF-27			2	2				1		
BLF-28			2	2				1		1
BLF-29		5	2		5			2		2
BLF-30			2		5			1		1
BLF-31		2	2		5	5		2		2
BLF-32			2			5		1		1
BLF-33			2			5		1		1
BLF-34			2			5		1		1
BLF-35			2							
BLF-36			2							
BLF-38						10		2		2
BLF-39	5	5				10		12		12
BLF-40		5			10	10		12		12
BLF-41	5				5			6		6
BLF-42	5				5			6		6
BLF-43	5				5				4	4
BLF-44	5				5				4	4
BLF-47	5	5			5			4		4
BLF-48	5	5			5			4		4
BLF-49	5	5			5			4		4
BLF-51						5				
BLF-52						5				
BLF-53						5				
BLU-3					5		5	4		4
BLU-4					5		2		4	4
BLU-5					5		2			
BLU-6						2	2			
BLU-7						2	2			
BLU-8		2			5		2	2		2
BLU-9		2			5		2	2		2
BLU-10						2	2			
FLR-008					2					
FLR-009					2					
Total	45	36	36	18	144	106	19	110	26	136

STAINLESS STEEL BLEEDER SCREWS

STAINLESS STEEL BLEEDER SCREWS – Prevent the nightmare of broken bleeder screws before the problem happens by replacing with AGS stainless steel bleeder screws. Correct OE threads, hex and seat configuration. Compatible with all cast iron, steel and aluminum calipers, wheel cylinders and clutch slave cylinders. Stainless steel brake bleeder screws will not rust or corrode.

Bleeder Screw	2 Fittings/Card	10 Fittings/Bag	Material	Hex	Thread Size	Length
	10 Cards/Case	1 Bag/Case				
	BBS-9400C-2	BBS-9400	STAINLESS STEEL	3/8"	3/8-24	1.49"
	BBS-9402C-2	BBS-9402	STAINLESS STEEL	3/8"	3/8-24	1.18"
	BBS-9404C-2	BBS-9404	STAINLESS STEEL	1/4"	1/4-28	0.92"
	BBS-9405C-2	BBS-9405	STAINLESS STEEL	8 mm	M8 x 1.25	25.1 mm
	BBS-9406C-2	BBS-9406	STAINLESS STEEL	10 mm	M10 x 1.5	29.2 mm
	BBS-9407C-2	BBS-9407	STAINLESS STEEL	10 mm	M10 x 1.0	29.2 mm
	BBS-9409C-2	BBS-9409	STAINLESS STEEL	10 mm	M10 x 1.0	32.8 mm
	BBS-9410C-2	BBS-9410	STAINLESS STEEL	10 mm	M10 x 1.0	35.1 mm
	BBS-9411C-2	BBS-9411	STAINLESS STEEL	8 mm	M10 x 1.0	35.1 mm
	BBS-9412C-2	BBS-9412	STAINLESS STEEL	10 mm	M10 x 1.0	35.8 mm
	BBS-9421C-2	BBS-9421	STAINLESS STEEL	10 mm	M10 x 1.25	33.1 mm
	BBS-9422C-2	BBS-9422	STAINLESS STEEL	8 mm	M8 x 1.25	30.2 mm
	BBS-9430C-2	BBS-9430	STAINLESS STEEL	8 mm	M8 x 1.0	29.7 mm
	BBS-9482C-2	BBS-9482	STAINLESS STEEL	10 mm	M10 x 1.5	38.5 mm
	BBS-9497C-2	BBS-9497	STAINLESS STEEL	11 mm	M10 x 1.0	38.8 mm

Bleeder Screws

BBSA-1 STAINLESS STEEL BLEEDER SCREW ASSORTMENT – 15 SKU

The BBSA-1, stainless steel brake bleeder screw assortment, 1 includes all 15 sku's (84 pieces). Correct OE threads, hex and seat configuration. Packaged in a shatter-resistant, see-through plastic tray with lid labels that make locating, selecting, and re-stocking quick and easy.

ASSORTMENT CONTENT					
Part No.	QTY	Part No.	QTY	Part No.	QTY
BBS-9400	4	BBS-9407	6	BBS-9421	6
BBS-9402	6	BBS-9409	6	BBS-9422	6
BBS-9404	4	BBS-9410	6	BBS-9430	6
BBS-9405	4	BBS-9411	6	BBS-9482	6
BBS-9406	6	BBS-9412	6	BBS-9497	6



OIL DRAIN PLUG GASKETS

AGS ACCUFIT® Oil Drain Plugs is a high-coverage/low-part number program that covers up to 93% of all vehicles on the road, including domestic, European, Japanese, British, and Korean models, while reducing inventory and associated costs by 80%. Reducing stocked part numbers to just 13 and the superior quality built-in features make ACCUFIT® your number one choice for oil drain plugs.

Easy Install
Finger-grip wing for ease of installation. All plugs have 14mm hex – just one wrench works for all!

Hi-Temp Gasket
Red hi-temp nitrile rubber gasket for max sealing protection
**Replace Gasket at Each Oil Change*



Easy ID
Thread size etched on each plug.

Rust Protection
Black oxide coating for rust and corrosion protection.

Avoid Cross-Threading
Pilot-point tip to avoid cross-threading during installation.

Refer to the ACCUFIT® Application Guidebook (C-1000) or mobile selector application for a comprehensive listing of drain plug part numbers and the corresponding year/make/model table for quick and easy selection.

Oil Drain Plug	Part No.	Replacement Gasket*	Size	Application
	ODP-00007 (B or C*)	ODP-10007	M14x1.5	1986-2017 ACURA, 1985-92, 95-2017 AUDI, 1985-86, 2013-17 BUICK, 1997-2001, 03-04, 2014-16 CADILLAC, 1985-88, 1999-2017 CHEVY, 1987-2017 CHRYSLER, 1985-2017 DODGE, 1989-98 EAGLE, 2012-17 FIAT, 1985-2017 FORD, 2017 GENESIS, 1989-97 GEO, 2001-10, 2014-16 GMC, 1985-2017 HONDA, 1987-2012, 2014-17 HYUNDAI, 1985-2004, 2016 ISUZU, 1997-98, 2000-17 JAGUAR, 1999-2017 JEEP, 1994-2017 KIA, 2003-09, 2016-17 LAND ROVER, 1988-2014 LINCOLN, 1985-2014 MAZDA, 1985-2001, 11-17 MERCEDES-BENZ, 1985-2011 MERCURY, 1985-89 MERKUR, 1985-2017 MITSUBISHI, 2016-17 NISSAN, 1985-88 OLDS, 1985-2001 PLYMOUTH, 1986-94, 2009 PONTIAC, 2011-17 RAM, 1985-2009 SAAB, 2000-05, 2008 SATURN, 1989-2008 SUZUKI, 1985-2017 VOLKSWAGEN
	ODP-00008 (B or C*)	ODP-10007	M14x1.25	1988-89 EAGLE, 1990-2003 FORD, 1985-86 JEEP
	ODP-00009 (B or C*)	ODP-10009	M12x1.75	1985-2007, 2011-17 BUICK, 1985-2007, 2011-17 CADILLAC, 1985-2007, 2011-18 CHEVY, 1995-2017 FORD, 1985-2007, 2011-18 GMC, 2003-07 HUMMER, 1996-2000, 2003-08, 2016 ISUZU, 2016-17 JAGUAR, 2000-17 LINCOLN, 1998-99, 2001-08, 11-13 MAZDA, 1995-2002, 04, 08, 11 MERCURY, 1985-2004 OLDS, 1985-2007 PONTIAC, 1991-2002, 05-09 SATURN, 2001-12 WORKHORSE
	ODP-00010 (B or C*)	ODP-10009	M12x1.5	1985-2017 BMW, 1985-98, 2011-17 MERCEDES-BENZ, 2016-17 MINI, 2015 NISSAN
	ODP-00011 (B or C*)	ODP-10009	M12x1.25	1985-88, 1998-2002, 16-17 CHEVY, 1989-97 GEO, 2009-17 INFINITI, 1992-2003, 2009-17 LEXUS, 2009-17 NISSAN, 2010 PONTIAC, 2010-13, 2016 SCION, 1989-2003, 2010-13, 2016-17 TOYOTA
	ODP-00012 (B or C*)	ODP-10012	M16x1.5	1990-92 DODGE, 1988-92 EAGLE, 1985-96 JAGUAR, 1985-91 PEUGEOT, 1985-87 RENAULT
	ODP-00013 (B or C*)	ODP-10013	M18x1.5	2003-17 BMW, 1990-93, 2002-06 DODGE, 1985-86 PLYMOUTH, 2013, 2016-17 RAM, 1985-92 TOYOTA, 1994-2009, 2011-17 VOLVO
	ODP-00014 (B or C*)	ODP-10014	M22x1.5	1994-95 BMW, 1988-2000 Chevy, 1994-2001 Dodge, 1985-86, 1988-99 GMC, 1985-95 Jeep
	ODP-00015 (B or C*)	ODP-10015	M26x1.5	1990-95 AUDI, 1985-89 MERCEDES-BENZ, 1993, 95 VOLKSWAGEN, 1985-87 VOLVO
	ODP-00016 (B or C*)	ODP-10009	1/2-20	1992-2000 AMG, 1985-88 AMC, 1985-96 BUICK, 1985-86, 1992-96 CADILLAC, 1985-96 CHEVY, 1985-99 CHRYSLER, 1985-2006 DODGE, 1993-97 EAGLE, 1985-96 FORD, 1985-96 GMC, 1985-2006 JEEP, 1985-90 LINCOLN, 1985-89 MERCURY, 1998-99 MITSUBISHI, 1985-94 OLDS, 1985-99 PLYMOUTH, 1985-95 PONTIAC
	ODP-00017 (B or C*)	ODP-10012	5/8-18	1950-65 CADILLAC, 1959-61 CHRYSLER, 1959-63 DODGE, 1959-63 PLYMOUTH
	ODP-00018 (B or C*)	ODP-10013	3/4-16	1985-86 DODGE, 1985-95 VOLVO
	ODP-00019 (B or C*)	ODP-10019	M20x1.5	1985-86 DODGE, 1987 ISUZU, 1985-86 PLYMOUTH, 1985-2017 SUBARU

***Packaging Option B**
1 Drain Plug/Bag
5 Bags/Case**

***Packaging Option C**
1 Drain Plug/Card
5 Cards/Case

***Replacement Gaskets**
10 Gaskets/Bag
1 Bag/Case

****ODP-00015B Case Qty is 3**

ACCUFIT® Oil Drain Plugs

OIL DRAIN PLUG GASKETS

Gasket	Part No.	Size	Material	Pkg Qty
	ODP-65268 (B or C*)	M14	Copper	3/Carded Clamshells 5/Bags
	ODP-65269 (B or C)	9/16"/ M14	Metal/ Rubber	1/Carded Clamshells 5/Bags
	ODP-65270 (B or C)	1/2"/ M12	Nylon	5/Carded Clamshells 5/Bags
	ODP-65271 (B or C)	1/2"/ M12	Copper	2/Carded Clamshells 5/Bags
	ODP-65272 (B or C)	9/16"/ M14	Nylon	5/Carded Clamshells 5/Bags
	ODP-65273 (B or C)	5/8"	Copper	2/Carded Clamshells 5/Bags
	ODP-65274 (B or C)	1/2"/ M12	Metal/ Rubber	2/Carded Clamshells 5/Bags
	ODP-65290 (B or C)	M12	Aluminum	2/Carded Clamshells 5/Bags

Gasket	Part No.	Size	Material	Pkg Qty
	ODP-65292 (B or C)	M14	Aluminum	4/Carded Clamshells 5/Bags
	ODP-65301 (B or C)	M12	Synthetic	2/Carded Clamshells 5/Bags
	ODP-65310 (B or C)	1/2"/ M14	Oversize/ Crush	3/Carded Clamshells 5/Bags
	ODP-65311 (B or C)	M20	Crush	2/Carded Clamshells 5/Bags
	ODP-65327 (B or C)	7/16"/ M12	Rubber	2/Carded Clamshells 5/Bags
	ODP-65330 (B or C)	1/2"/ M12	Nylon	5/Carded Clamshells 5/Bags
	ODP-66451 (B or C)	M12	Rubber	2/Carded Clamshells 5/Bags

**Packaging Option B*
Qty as Noted/Bag
10 Bags/Case

**Packaging Option C*
Qty as Noted/Card
5 Cards/Case

REPAIR PLUGS

Repair oil drain plugs offer a fast and inexpensive solution to stripped oil drain pan threads. Using a universal or oversize design allows a temporary or permanent repair if the threads in the pan are too ruined for a standard OE size plug.

Repair Plug	Part No.	Size	Repair Plug	Part No.	Size
	ODP-65200 (B or C)	1/2" Universal		ODP-65213 (B or C)	M12x1.75 Oversize
	ODP-65201 (B or C)	5/8" Universal		ODP-65217 (B or C)	M14x1.5 Oversize
	ODP-65204 (B or C)	1/2" Oversize		ODP-65240 (B or C)	Winged Universal

**Packaging Option B*
1 Drain Plug/Bag
5 Bags/Case**

**Packaging Option C*
1 Drain Plug/Card
5 Cards/Case**

****ODP-65200B, 65201B,
65240B, and 65240C
Case Qty is 3**

ODPA-1 OIL DRAIN PLUG ASSORTMENT - 24 SKU

OIL DRAIN PLUG ASSORTMENT ODP-A-1



The ODP-A-1, Oil Drain Plug Assortment, includes all 13 ACCUFIT® oil drain plugs (34 plugs) that covers up to 93% of all vehicles on the road. **This assortment reduces inventory costs by up to 80%!** Also included is an assortment of the 11 most popular OE-style gaskets (55 gaskets) available in copper, rubber, nylon, aluminum, metal, and synthetic material. Pair the ODP-A-1 with the ACCUFIT® Oil Drain Plug Application Guidebook (C-1000) or use the mobile application for quick and easy selection.

"The kit has worked for every car I needed to replace a plug in." ~ ACCUFIT® Customer

ODPA-2 OIL DRAIN REPAIR PLUG & REPLACEMENT GASKET ASSORTMENT

The ODP-2, Oil Drain Repair Plug and Replacement Gasket Assortment, includes 6 ACCUFIT® oil drain repair plugs (21 plugs) and 7 hi-temp replacement gaskets (70 gaskets). The red hi-temp nitrile rubber gasket will ensure maximum sealing protection. Oil drain repair plugs offer a fast and inexpensive solution to stripped oil drain pan threads. Using a universal or oversize design allows a temporary or permanent repair if the threads in the pan are too ruined for a standard OE plug. Replace gasket at each oil change.



 ODP-65200 1/2" (12.7mm) DT: 1	 ODP-65200 1/2" (12.7mm) DT: 1	 ODP-65200 1/2" (12.7mm) DT: 1	 ODP-65201 1/2" (12.7mm) DT: 1	 ODP-65201 1/2" (12.7mm) DT: 1	 ODP-65201 1/2" (12.7mm) DT: 1
 ODP-65204 1/2" (12.7mm) DT: 2	 ODP-65204 1/2" (12.7mm) DT: 2	 ODP-65213 3/4" (19.0mm) DT: 2	 ODP-65213 3/4" (19.0mm) DT: 2	 ODP-65217 3/4" (19.0mm) DT: 2	 ODP-65217 3/4" (19.0mm) DT: 2
 ODP-65240 3/4" (19.0mm) DT: 2	 ODP-65240 3/4" (19.0mm) DT: 2	 ODP-65240 3/4" (19.0mm) DT: 2	 ODP-10007 1 1/2" (38.1mm) DT: 1	 ODP-10009 1 1/2" (38.1mm) DT: 1	 ODP-10012 1 1/2" (38.1mm) DT: 1
 ODP-10013 1 1/2" (38.1mm) DT: 1	 ODP-10014 1 1/2" (38.1mm) DT: 1	 ODP-10015 1 1/2" (38.1mm) DT: 1	 ODP-10019 1 1/2" (38.1mm) DT: 1		

OIL DRAIN REPAIR PLUG & REPLACEMENT GASKET ASSORTMENT ODP-2

ODPA-3 OIL DRAIN PLUG WALL RACK

The ODP-3, Oil Drain Plug Wall Rack, includes all 13 ACCUFIT® oil drain plugs (64 plugs) in a handy wall rack. Save time and simplify the selection! Have the drain plugs readily accessible near the point of install in a sturdy wall rack. Check threads with the built-in gauges mounted right next to the bins and grab the correct replacement part in clearly labeled bins. Replenishment made easy with incorporated UPC's for individual plugs. Mounting hardware included. Replace gasket at each oil change.



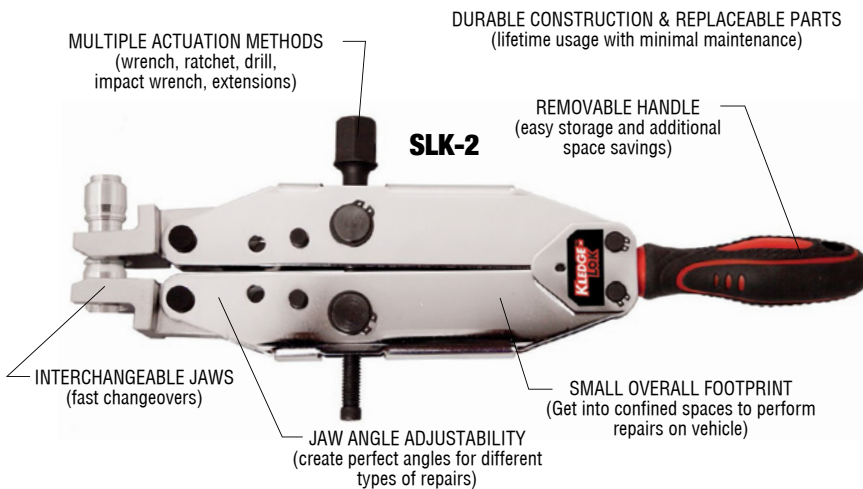
GOT A LINE REPAIR?

KLEDGE-LOK® IT!

A/C • FUEL • TRANSMISSION • COOLANT • POWER STEERING

The KLEDGE-LOK® tool is designed to complete most line repairs right on the vehicle by reaching into, behind, and underneath the difficult places that lines are found. Use with the supplied T-bar, a basic open-end wrench, a square-drive ratchet, or an air or battery powered impact wrench. The KLEDGE-LOK® system has been successfully tested to 2000 psi for high-pressure applications such as transmission cooler lines, steel fuel lines, and oil cooler lines. Repairs can also be made in heavy-duty truck applications.

The KLEDGE-LOK® system starts with the innovative SLK tool body. The unique and patented design offers the flexibility of interchangeable repair jaws while maintaining a small and sleek profile to fit into the tight spots on vehicles where repairs most often need to be performed.



The KLEDGE-LOK® Advantage

- One tool — One system
- Use with any vehicle
- Covers wide range of systems
- Fast and easy to use
- Do repairs right on the vehicle
- Never wait for expensive parts again
- No welding or soldering
- Clean and residue-free repairs
- Proven and tested technology
- Eco-friendly

Metal Line Repair

	Part No.	Description
	SLK-2	KLEDGE-LOK® Tubing Repair Tool with Jaws
	SLK-2A	KLEDGE-LOK® Tubing Repair Jaws - No Tool

Nylon Line Repair

	Part No.	Description
	SLKFR	KLEDGE-LOK® Nylon Fuel Line Repair Tool with Jaws
	SLKFRA	KLEDGE-LOK® Nylon Fuel Line Repair Jaws - No Tool

Fittings compatible with:

Tube-to-Tube Repairs



Aluminum • Steel • Copper • NiCopp® • Poly-Armour®

Tube-to-Hose Repairs



A/C • Heater • Transmission

KLEDGE-LOK® LINE REPAIR



FIX PINHOLE LEAKS, CRACKS, KINKS, AND RUB THROUGHS

Tube-to-Tube Repair



Hose-to-Tube Repair



Line Block-Off Repair



KLEDGE-LOK® gives shops the power to make instant repairs right on the vehicle — getting cars in and out faster — saving bay time and making more money.

KLEDGE-LOK® allows shops to get their customers back on the road faster for less money than OE replacement or other repair methods.

2005 Chevy Trailblazer -Leaking Front/Rear A/C Lines

Replace with New Lines		Repair with KLEDGE-LOK®	
Diagnoses	.5 Hours	Diagnoses	.5 Hours
Ordering New Lines	1 Day	Repair	.5 Hours
Installing New Lines	2 Hours		
TOTAL	2.5 Hours + 1 Day	TOTAL	1 Hour

2000 Dodge Caravan - Leaking Filter/Dryer Lines

Replace with New Lines		Repair with KLEDGE-LOK®	
Diagnoses	.5 Hours	Diagnoses	.5 Hours
Ordering New Lines	2 Days	Reparación	1 Hours
Installing New Lines	2.5 Hours		
TOTAL	3 Hours + 2 Days	TOTAL	1.5 Hours

KLEDGE-LOK® gives the professional installer a versatile system that will quickly become indispensable in their shop.

Line Repair Systems



“The KLEDGE-LOK® tool has saved our customers hundreds of dollars in air conditioning repairs. Rear air conditioning lines on GM vehicles are very costly; being able to offer your customer options, replace, repair, or block off makes us the hero to the customer eyes. Not all shops have this technology, and we see vehicles coming from other shops because we offer options. Used car dealers love us for being able to repair rather than replace those costly lines.”

— **Kurt Boerman**
Muskegon Brake & Tire

“KLEDGE-LOK® allows me to make quick and easy repairs to lines. No more waiting for costly OE or aftermarket lines. Saves time and money, which customers love! Win-win for all!”

— **Mark Paseka**
Mark's
Transmission
& Auto



ACRK-KLEDGE

The KLEDGE-LOK® A/C repair system allows the professional mechanic to repair pinhole leaks and cracks in aluminum lines right on the vehicle instead of more expensive and time consuming replacement. Damaged A/C hose can also be repaired quickly and easily with both hose-to-hose and hose-to-tube splice options. A line termination option is also available for blocking rear A/C systems in vans and SUV's. The ACRK-KLEDGE is the complete master A/C repair kit that contains everything needed for most A/C repairs on most vehicles. All tools, kits, and components can be purchased separately.

REPAIR A/C LINES AND MORE...

- ACRK-KLEDGE contains everything needed to repair aluminum A/C lines and rubber A/C hose
- KLEDGE-LOK® tool and repair fittings can also be used in any system up to 2,000 psi - fuel, transmission, coolant, and power steering
- KLEDGE-LOK® repair fittings are compatible with aluminum, steel, and copper tubing



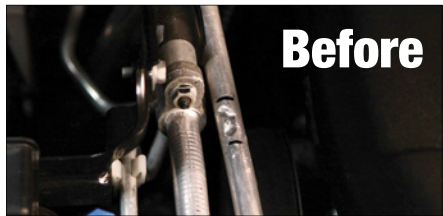
**2013 MACS
Most Innovative
New Product**

5/16" (8mm)	3/8" (10mm)	1/2" (12mm)	5/8" (16mm)	3/4" (19mm)
-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

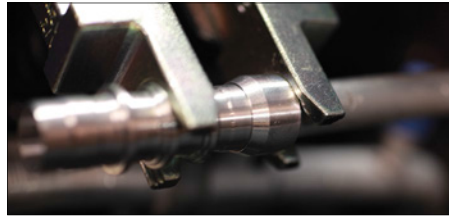
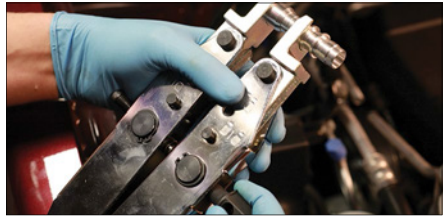
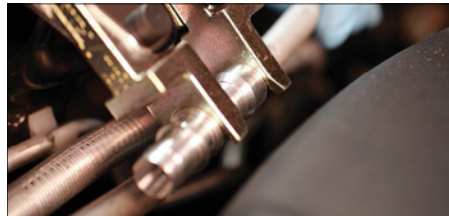
ACRK-KLEDGE



Part No.	Description	Kit Qty
SLK-2	KLEDGE-LOK® Repair Tool with Jaws	1
ACR-050	10' Coil Reduced Barrier A/C Repair #6 Hose (5/16" / 8mm)	1
ACR-051	10' Coil Reduced Barrier A/C Repair #8 Hose (13/32" / 10mm)	1
ACR-052	10' Coil Reduced Barrier A/C Repair #10 Hose (1/2" / 13mm)	1
ACR-053	10' Coil Reduced Barrier A/C Repair #12 Hose (5/8" / 16mm)	1
ACR-054	Hose Cutting Tool	1
ACRK-1	SPLICE-LOK® / KLEDGE-LOK® A/C Repair Tubing Assortment	1
ACRK-2	SPLICE-LOK® / KLEDGE-LOK® A/C Repair Ends O-Ring Assortment	1
ACRK-4	KLEDGE-LOK® A/C Repair Assortment	1
ACRK-500	SPLICE-LOK® / KLEDGE-LOK® Storage Cabinet	1
TR-360	360° Hose Clamp Pliers	1

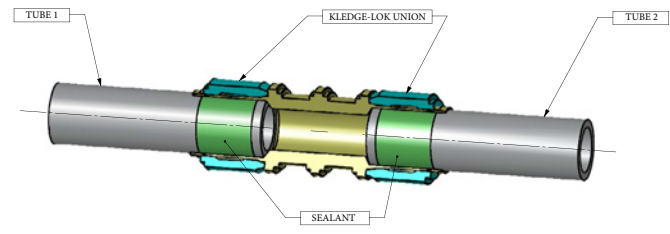


Before





After


Line Repair Systems - A/C



REDUCED BARRIER A/C HOSE




		Part No.	Description	Bags/Kit	Bags/Case
Hose		ACR-050	10' Coil Reduced Barrier A/C Repair #6 Hose (5/16" / 8mm)	1	1
		ACR-050-50	50' Coil Reduced Barrier A/C Repair #6 Hose (5/16" / 8mm)	1	1
		ACR-051	10' Coil Reduced Barrier A/C Repair #8 Hose (13/32" / 10mm)	1	1
		ACR-051-50	50' Coil Reduced Barrier A/C Repair #8 Hose (13/32" / 10mm)	1	1
Hose Cutter		ACR-052	10' Coil Reduced Barrier A/C Repair #10 Hose (1/2" / 13mm)	1	1
		ACR-052-50	50' Coil Reduced Barrier A/C Repair #10 Hose (1/2" / 13mm)	1	1
		ACR-053	10' Coil Reduced Barrier A/C Repair #12 Hose (5/8" / 16mm)	1	1
		ACR-053-50	50' Coil Reduced Barrier A/C Repair #12 Hose (5/8" / 16mm)	1	1
		ACR-054	Hose Cutting Tool	1	10

A/C HOSE SPLICE

		Part No.	Description	Bags/Kit	Bags/Case
Hose Splicer		ACR-155	#6 Hose Splicer (5/16" / 8mm)	1	5
		ACR-156	#8 Hose Splicer (13/32" / 10mm)	1	5
		ACR-157	#10 Hose Splicer (1/2" / 13mm)	1	5
		ACR-158	#12 Hose Splicer (5/8" / 16mm)	1	5

ACRK-1

ACRK-1 contains 12" lengths of replacement aluminum A/C repair tubing in 5/16", 3/8", 1/2", 5/8", and 3/4" diameters to be used with the SPLICE-LOK® and KLEDGE-LOK® A/C repair systems. A ratcheting metal tube cutting tool is also included.

		Part No.	Description	Bags/Kit	Bags/Case
ACRK-1		ACRK-1	SPLICE-LOK® / KLEDGE-LOK® A/C Repair Tubing Assortment	1	1
		ACR-011	5/16" x 12" Aluminum A/C Repair Tubing - 8 tubes/box	1	1
Tubing		ACR-012	3/8" x 12" Aluminum A/C Repair Tubing - 6 tubes/box	1	1
		ACR-013	1/2" x 12" Aluminum A/C Repair Tubing - 4 tubes/ box	1	1
		ACR-014	5/8" x 12" Aluminum A/C Repair Tubing - 4 tubes/box	1	1
Tube Cutter		ACR-015	3/4" x 12" Aluminum A/C Repair Tubing - 4 tubes/box	1	1
		ACR-032	Ratcheting Metal Tube Cutting Tool	1	1

ACRK-2

ACRK-2 contains an assortment of A/C condenser aluminum O-ring repair ends in 3/8", 1/2", 5/8", and 3/4" diameters to be used with the SPLICE-LOK® and KLEDGE-LOK® A/C repair systems. Ends include external male, internal male, and external female.

	Part No.	Description*	Bags/Kit	Bags/Case
ACRK-2	ACRK-2	SPLICE-LOK® / KLEDGE-LOK® A/C Repair Ends O-Ring Assortment	N/A	1
	ACR-033	A/C Condenser Repair End - 3/8" External Male O-Ring	2	5
External Male	ACR-034	A/C Condenser Repair End - 1/2" External Male O-Ring	2	5
	ACR-035	A/C Condenser Repair End - 5/8" External Male O-Ring	2	5
	ACR-036	A/C Condenser Repair End - 3/4" External Male O-Ring	2	5
	ACR-037	A/C Condenser Repair End - 3/8" Internal Male O-Ring	2	5
Internal Male	ACR-038	A/C Condenser Repair End - 1/2" Internal Male O-Ring	2	5
	ACR-039	A/C Condenser Repair End - 5/8" Internal Male O-Ring	2	5
	ACR-040	A/C Condenser Repair End - 3/4" Internal Male O-Ring	2	5
	ACR-041	A/C Condenser Repair End - 3/8" External Female O-Ring	2	5
External Female	ACR-042	A/C Condenser Repair End - 1/2" External Female O-Ring	2	5
	ACR-043	A/C Condenser Repair End - 5/8" External Female O-Ring	2	5
	ACR-044	A/C Condenser Repair End - 3/4" External Female O-Ring	2	5

**1 per bag unless noted*

ACRK-4

ACRK-4 contains an assortment of KLEDGE-LOK® fittings for permanent leak repair of 5/16", 3/8", 1/2", 5/8", and 3/4" diameters of cracked, kinked, or leaking lines without removing the lines from the vehicle! Designed to be used in conjunction with the professional KLEDGE-LOK® tool (SLK-2). Repairs can be made on SAE and metric tube-to-tube, tube-to-rubber hose, or tube block-offs.

	Part No.	Description*	Bags/Kit	Bags/Case	
ACRK-4	ACRK-4	KLEDGE-LOK® A/C Repair Assortment	N/A	1	
	ACR-001	5/16" Aluminum Tube to #6 A/C Hose KLEDGE-LOK® Repair Union	2	5	
	ACR-002	3/8" Aluminum Tube to #6 A/C Hose KLEDGE-LOK® Repair Union	2	5	
	ACR-003	1/2" Aluminum Tube to #8 A/C Hose KLEDGE-LOK® Repair Union	2	5	
	ACR-004	5/8" Aluminum Tube to #10 A/C Hose KLEDGE-LOK® Repair Union	2	5	
	ACR-010	3/4" Aluminum Tube to #12 A/C Hose KLEDGE-LOK® Repair Union	2	5	
	Tube-to-Hose	ACR-005	5/16" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2	5
		ACR-006	3/8" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2	5
		ACR-007	1/2" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2	5
		ACR-008	5/8" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2	5
Block-Off	ACR-009	3/4" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2	5	
	ACR-062	5/16" Aluminum Tube KLEDGE-LOK® Block-Off A/C Repair	2	5	
Clamp Cage	ACR-063	3/8" Aluminum Tube KLEDGE-LOK® Block-Off A/C Repair	2	5	
	ACR-064	1/2" Aluminum Tube KLEDGE-LOK® Block-Off A/C Repair	2	5	
	ACR-065	5/8" Aluminum Tube KLEDGE-LOK® Block-Off A/C Repair	2	5	
	ACR-066	3/4" Aluminum Tube KLEDGE-LOK® Block-Off A/C Repair	2	5	

**1 per bag unless noted*

Line Repair Systems - A/C


ACRK-4 (Continued)

	Part No.	Description*	Bags/Kit	Bags/Case
Cinch Clamp	 AC-6-05	5/16" Clamp Locator Cage for #6 A/C Hose	2	10
	AC-7-05	3/8" Clamp Locator Cage for #8 A/C Hose	2	10
	AC-8-05	1/2" Clamp Locator Cage for #10 A/C Hose	2	10
	AC-9-05	5/8" Clamp Locator Cage for #12 A/C Hose	2	10
Abrasive Pad & Sealant	AC-6-06	5/16" Clamps for #6 A/C Hose - 2/bag	2	10
	AC-7-06	3/8" Clamps for #8 A/C Hose - 2/bag	2	10
	AC-8-06	1/2" Clamps for #10 A/C Hose - 2/bag	2	10
	AC-9-06	5/8" Clamps for #12 A/C Hose - 2/bag	2	10
	ACR-028	3" x 1.5" Abrasive Pad	1	1
	ACR-029	KLEDGE-LOK® Anaerobic Tube Sealant Compound - 0.20 fl. oz.	1	1

*1 per bag unless noted

ACRK-1000


The KLEDGE-LOK® professional A/C tubing repair kit (Starter/Demo) comes with a demo kit (ACRK-DEMO) and three starter kits (ACRK-STARTER). The ACRK-1000 allows the mobile tool professional the ability to demo the KLEDGE-LOK® system and also offer a very economically attractive way to sell his customer.

	Part No.	Description	Kit Qty
ACRK-1000	 ACRK-DEMO*	KLEDGE-LOK® Repair Tool with 1/2" Jaws ONLY	1
	ACRK-STARTER	KLEDGE-LOK® Repair Tool with Jaws	3

*See pages 44 for full description of kit contents


ACRK-STARTER

The ACRK-STARTER kit is the perfect way to set up a shop with the ability to repair aluminum A/C lines quickly and profitably. It's also a great alternative for a shop to have a system on hand to splice new OE lines that come in two sections. The kit consists of a full SLK-2 with both tool and full set of jaws, as well as a scaled down assortment of seven total tube-to-tube repair unions. Once the amazing utility of this system is realized, the kit can be easily replenished with tube-to-hose and block-off repair fittings.


	Part No.	Description	Kit Qty
ACRK-STARTER	 Instructions Included! SLK-2	Fluid Repair, KLEDGE-LOK®, Tool/Jaws	1
	ACR-005	5/16" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	1
	ACR-006	3/8" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2
	ACR-007	1/2" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	2
	ACR-008	5/8" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	1
	ACR-009	3/4" Aluminum Tube-to-Tube KLEDGE-LOK® Repair Union	1
	ACR-028	3" x 1.5" Abrasive Pad	1
	ACR-029	KLEDGE-LOK® Anaerobic Tube Sealant Compound - 0.20 fl. oz.	1

ACRK-DEMO


The KLEDGE-LOK® professional A/C tubing repair demo kit consists of the KLEDGE-LOK® tool with 1/2" jaws and enough 1/2" fittings (5) and 1/2" tubes (4) to perform 9 separate demonstrations.

Part No.	Description	Kit Qty	
ACRK-DEMO  <i>Instructions Included!</i>	SLK-2DEMO	KLEDGE-LOK® Repair Tool with 1/2" Jaws ONLY	1
	ACR-007	1/2" Aluminum Tube-to-Tube KLEDGE-LOK® A/C Repair Union	5
	ACR-013	1/2" x 12" Aluminum A/C Repair Tubing - 4/box	1

ACRK-DELUXE

Part No.	Description	Kit Qty	
ACRK-DELUXE 	SLK-2	Fluid Repair, KLEDGE-LOK®, Tool/Jaws	1
	ACRK-1	SPLICE-LOK® / KLEDGE-LOK® A/C Repair Tubing Assortment	1
	ACRK-2	SPLICE-LOK® / KLEDGE-LOK® A/C Repair Ends O-Ring Assortment	1
	ACRK-3	SPLICE-LOK® A/C Repair Assortment	1
	ACRK-4	KLEDGE-LOK® A/C Repair Assortment	1
	ACR-050	10' Coil Reduced Barrier A/C Repair #6 Hose (5/16" / 8mm)	1
	ACR-051	10' Coil Reduced Barrier A/C Repair #8 Hose (13/32" / 10mm)	1
	ACR-052	10' Coil Reduced Barrier A/C Repair #10 Hose (1/2" / 13mm)	1
	ACR-053	10' Coil Reduced Barrier A/C Repair #12 Hose (5/8" / 16mm)	1
	ACR-054	Hose Cutting Tool	1
	ACRK-500	SPLICE-LOK® / KLEDGE-LOK® Storage Cabinet	1
	TR-360	360° Hose Clamp Pliers	1

ACRK-500

Part No.	Description	Case Qty	
ACRK-500 	ACRK-500	SPLICE-LOK® / KLEDGE-LOK® Storage Cabinet	1

SPlice-LOK® A/C LINE REPAIR



FAST, ECONOMICAL A/C TUBE AND HOSE REPAIR SYSTEM

Tube-to-Tube Repair



Hose-to-Tube Repair



Line Block-Off Repair



SPlice-LOK® is a fast and economical way to make repairs in A/C lines to fix pinhole leaks, cracks, kinks, and rub throughs. SPlice-LOK® provides a permanent repair that uses only standard hand tools. Full assortment kits are available, as well as retail, single repair kits. SPlice-LOK® can make repairs in steel, aluminum, and copper lines, as well as reduced-barrier A/C hose. DO NOT USE in brake or clutch systems.

	Part No.	Description*	Bags/Kit	Bags/Case
ACRK-3	ACRK-3	SPlice-LOK® A/C Repair Assortment	N/A	1
	ACRK-045C	SPlice-LOK® A/C Repair Kit, 5/8" & 3/4" Tube	N/A	5
	ACRK-046C	SPlice-LOK® A/C Repair Kit, 5/16", 3/8", & 1/2" Tube	N/A	5
A/C Repair Kit	ACR-045	SPlice-LOK® A/C Repair Union Body for 5/8" & 3/4" Tube	2	10
	ACR-046	SPlice-LOK® A/C Repair Union Body for 5/16", 3/8", & 1/2" Tube	2	10
Union Body	ACR-055	SPlice-LOK® A/C Repair Union Body for 5/16", 3/8", & 1/2" Tube to #6 A/C Hose	2	10
	ACR-056	SPlice-LOK® A/C Repair Union Body for 5/16", 3/8", & 1/2" Tube to #8 A/C Hose	2	10
Viton® Seal	ACR-057	SPlice-LOK® A/C Repair Union Body for 5/16", 3/8", & 1/2" Tube to #10 A/C Hose	2	10
	ACR-058	SPlice-LOK® A/C Repair Union Body for 5/8" & 3/4" Tube to #12 A/C Hose	2	10
Brass Ferrule	AC-1-03	SPlice-LOK® Viton® Seal for A/C Repair, 5/16" - 2/bag	2	10
	AC-2-03	SPlice-LOK® Viton® Seal for A/C Repair, 3/8" - 2/bag	2	10
	AC-3-03	SPlice-LOK® Viton® Seal for A/C Repair, 1/2" - 2/bag	2	10
	AC-4-03	SPlice-LOK® Viton® Seal for A/C Repair, 5/8" - 2/bag	2	10
	AC-5-03	SPlice-LOK® Viton® Seal for A/C Repair, 3/4" - 2/bag	2	10
Tube-to-Hose	AC-1-04	SPlice-LOK® Brass Ferrule for A/C Repair, 5/16" - 2/bag	2	10
	AC-2-04	SPlice-LOK® Brass Ferrule for A/C Repair, 3/8" - 2/bag	2	10
	AC-3-04	SPlice-LOK® Brass Ferrule for A/C Repair, 1/2" - 2/bag	2	10
	AC-4-04	SPlice-LOK® Brass Ferrule for A/C Repair, 5/8" - 2/bag	2	10
Clamp Cage	AC-5-04	SPlice-LOK® Brass Ferrule for A/C Repair, 3/4" - 2/bag	2	10
	AC-6-05	5/16" Clamp Locator Cage for #6 A/C Hose	2	10
	AC-7-05	3/8" Clamp Locator Cage for #8 A/C Hose	2	10
Cinch Clamp	AC-8-05	1/2" Clamp Locator Cage for #10 A/C Hose	2	10
	AC-9-05	5/8" Clamp Locator Cage for #12 A/C Hose	2	10
Block-Off	AC-6-06	5/16" Clamps for #6 A/C Hose - 2/bag	2	10
	AC-7-06	3/8" Clamps for #8 A/C Hose - 2/bag	2	10
	AC-8-06	1/2" Clamps for #10 A/C Hose - 2/bag	2	10
ACRK-SPLICE	AC-9-06	5/8" Clamps for #12 A/C Hose - 2/bag	2	10
	ACR-060K	SPlice-LOK® Block-Off Body/Nut for 5/16", 3/8", & 1/2" Tube	2	1
	ACR-061K	SPlice-LOK® Block-Off Body/Nut for 5/8" & 3/4" Tube	2	1
	ACRK-SPLICE	SPlice-LOK® Master Kit with Free Storage Cabinet (Includes: ACRK-1, ACRK-2, ACRK-3, ACR-50, ACR-51, ACR-52, ACR-53, ACR-054, ACRK-500, TR-360)	N/A	1

*1 per bag unless noted

ACRK-5 — SPLICE-LOK® BLOCK-OFF KIT

The SPLICE-LOK® Line Block-Off Repair Kit is a complete A/C line termination assortment. The kit comes with block-off bodies, seals, and ferrules in all A/C lines sizes from 5/16" to 3/4". Use block-offs to terminate A/C lines that are no longer used, such as the rear A/C lines in larger SUV's and vans.

	Part No.	Description*	Bags/Kit	Bags/Case
ACRK-5	ACRK-5	SPLICE-LOK® A/C Block-Off Assortment	N/A	1
	ACR-060K	SPLICE-LOK® Block-Off Body/Nut for 5/16", 3/8", & 1/2" Tube	6	1
Block-Off	ACR-061K	SPLICE-LOK® Block-Off Body/Nut for 5/8" & 3/4" Tube	4	1
	AC-1-03	SPLICE-LOK® Viton Seal for A/C Repair, 5/16" - 2/bag	1	10
	AC-2-03	SPLICE-LOK® Viton Seal for A/C Repair, 3/8" - 2/bag	1	10
Viton® Seal	AC-3-03	SPLICE-LOK® Viton Seal for A/C Repair, 1/2" - 2/bag	1	10
	AC-4-03	SPLICE-LOK® Viton Seal for A/C Repair, 5/8" - 2/bag	1	10
	AC-5-03	SPLICE-LOK® Viton Seal for A/C Repair, 3/4" - 2/bag	1	10
Brass Ferrule	AC-1-04	SPLICE-LOK® Brass Ferrule for A/C Repair, 5/16" - 2/bag	1	10
	AC-2-04	SPLICE-LOK® Brass Ferrule for A/C Repair, 3/8" - 2/bag	1	10
	AC-3-04	SPLICE-LOK® Brass Ferrule for A/C Repair, 1/2" - 2/bag	1	10
	AC-4-04	SPLICE-LOK® Brass Ferrule for A/C Repair, 5/8" - 2/bag	1	10
	AC-5-04	SPLICE-LOK® Brass Ferrule for A/C Repair, 3/4" - 2/bag	1	10

**1 per bag unless noted*

ACRK-6 — KLEDGE-LOK®/SPLICE-LOK® A/C HOSE SPLICE KIT

A/C hose splice connection kit. Splice together all sizes of reduced-barrier A/C hose. Contents include aluminum splice, cage, and clamps. Creates leak-free hose to hose connections for both KLEDGE-LOK® and SPLICE-LOK® repair systems.

	Part No.	Description*	Bags/Kit	Bags/Case
ACRK-6	ACRK-6	A/C Hose Splice Assortment	N/A	1
	AC-6-05	5/16" Clamp Locator Cage for #6 A/C Hose	2	10
Clamp Cage	AC-7-05	13/32" Clamp Locator Cage for #8 A/C Hose	2	10
	AC-8-05	1/2" Clamp Locator Cage for #10 A/C Hose	4	10
	AC-9-05	5/8" Clamp Locator Cage for #12 A/C Hose	4	10
Cinch Clamp	AC-6-06	5/16" Clamps for #6 A/C Hose - 2/bag	2	10
	AC-7-06	13/32" Clamps for #8 A/C Hose - 2/bag	2	10
	AC-8-06	1/2" Clamps for #10 A/C Hose - 2/bag	4	10
Hose Splice	AC-9-06	5/8" Clamps for #12 A/C Hose - 2/bag	4	10
	ACR-155	5/16" Aluminum Hose Splice	1	5
	ACR-156	13/32" Aluminum Hose Splice	1	5
	ACR-157	1/2" Aluminum Hose Splice	2	5
	ACR-158	5/8" Aluminum Hose Splice	2	5

**1 per bag unless noted*

Line Repair Systems - A/C

SLKFR — KLEDGE-LOK® NYLON FUEL LINE REPAIR TOOL

Repairing fuel systems involving quick disconnects and nylon fuel hose has always been a slow and difficult process. Heating the hose in hot water and trying to jam the barb into the hose without damage is slow and tedious.

The Nylon Fuel Repair kit for KLEDGE-LOK® can now assemble both straight and angled quick disconnects into nylon fuel hose quickly and perfectly every time. Setup is fast and easy. The KLEDGE-LOK® tool does the rest.

Features

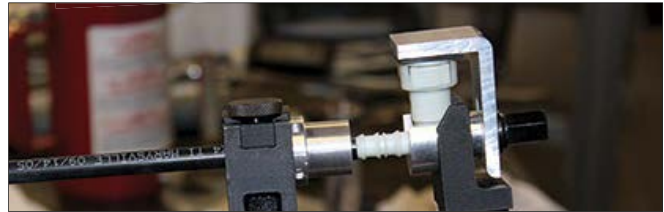
- Make connections on the vehicle
- Install straight or 90° barbed connectors
- Fast and easy set-up with no heating of nylon line
- Works with any connector

KLEDGE-LOK® IT!



SLKFR

KLEDGE-LOK® Nylon Fuel Line Repair Tool



	Part No.	Description	Case Qty
	SLKFR	KLEDGE-LOK® Nylon Fuel Line Repair Tool with Jaws	1
	SLKFRA	KLEDGE-LOK® Nylon Fuel Line Repair Jaws - No Tool	1
	FLR-002	KLEDGE-LOK® Nylon Fuel Line Repair Joiner - 5/16" to 5/16" - 1/bag	5
	FLR-003	KLEDGE-LOK® Nylon Fuel Line Repair Joiner - 3/8" to 3/8" - 1/bag	5
	FLR-004	KLEDGE-LOK® Nylon Fuel Line Repair Joiner - 5/16" to 3/8" - 1/bag	5

FLRK-12 – 12mm & 1/2" FUEL LINE REPAIR

1/2" & 12mm specific fuel line repair and replacement kit, ideal for heavy-duty applications. A real time and money saver when working with Dodge, GM, and Ford diesel trucks (2005-present applications). Works with EVAP lines.

Features

- Make fast & easy connection with convenient push-button thumb release
- Create replacement lines for heavy-duty vehicle applications
- Includes components for both nylon & steel lines
- Nylon lines hold up to 200 psi
- No special tools required!

	Part No.	Description	Bags/Kit	Bags/Case
	FLRK-12	12mm & 1/2" Fuel Line Repair Kit	N/A	1
	FLRL-420	Fuel Line Adapter - 1/2" Quick Connect to Nylon - 2/bag	1	5
	FLRL-425	Fuel Line Push-On Connector - 1/2" Nylon to 1/2" Nylon - 2/bag	1	5
	FLRL-430	Fuel Line Compression Union- 1/2" Steel to 1/2" Nylon- 2/bag	1	5
	FLRL-445	Fuel Line Adapter - 12mm Quick Connect to Nylon -2/bag	1	5
	FLRQ-410	Fuel Line Quick Connect - Straight Push-On 1/2" Steel to 1/2" Nylon - 2/bag	1	5
	FLRQ-415	Fuel Line Quick Connect - 90° 1/2" Steel to 1/2" Nylon - 2/bag	1	5
	FLRQ-435	Fuel Line Quick Connect - Straight Push-On 12mm Steel to 1/2" Nylon - 2/bag	1	5
	FLRQ-440	Fuel Line Quick Connect - 90° 12mm Steel to 1/2" Nylon - 2/bag	1	5
	FLRC-2984	1/2" 360° Hose Clamp for Nylon Fuel Line - 10/bag	1	1
	FLRN-725	1/2" x 25' Nylon Fuel Line	1	1
	TR-360	360° Hose Clamp Pliers	1	1
	ACR-054	Hose Cutting Tool	1	10



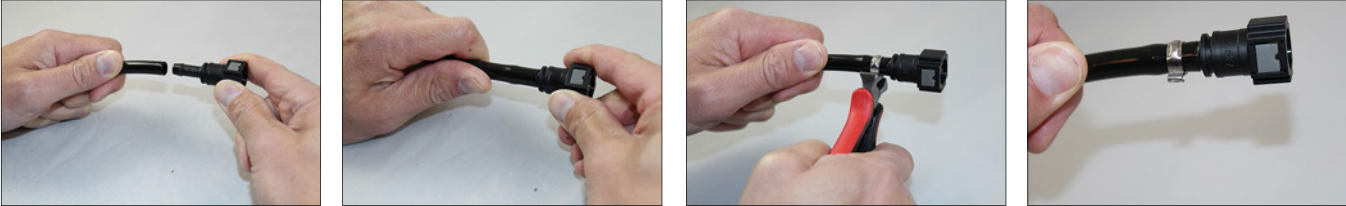
FLRK-12
Fuel Line Repair Kit



















FLRK-15 — FUEL LINE REPAIR MASTER KIT

Quickly produce replacement fuel lines for virtually all vehicle applications! This complete kit contains all the connectors, compression unions, adapters, and nylon fuel line needed to make quick and cost-effective 1/4", 5/16", and 3/8" replacement lines. Save time by having all components in one kit and not searching for any special tools to make the same quality nylon fuel lines used in new vehicles.

Features

- Convenient push-button thumb release makes connections fast & easy
- Nylon lines hold up to 200 psi
- Make complete replacement line in less than 5 minutes!
- No special tools required
- Save technician's time and your customer's money!
- Components included for both nylon and steel lines
- Make replacement lines for both domestic and import vehicle applications






































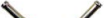




















	Part No.	Description*	Bags/Kit	Bags/Case
	FLRK-15	Fuel Line Repair Master Kit	1	N/A
	FLRC-2978	1/4" 360° Hose Clamp for Nylon Fuel Line (use with FLRN-425) - 10/bag	1	1
	FLRC-2980	5/16" 360° Hose Clamp for Nylon Fuel Line (use with FLRN-525) - 32/bag	1	1
	FLRC-2982	3/8" 360° Hose Clamp for Nylon Fuel Line (use with FLRN-625) - 28/bag	1	1
	FLRH-038	3/8" Tube Holder for Nylon Fuel Line with Screw (use with FLRN-625) - 20/bag	1	1
	FLRH-516	5/16" Tube Holder for Nylon Fuel Line with Screw (use with FLRN-525) - 20/bag	1	1
	CF-2B	Brass Compression Union - 1/4" - 1/bag	1	10
	CF-3B	Brass Compression Union - 5/16" - 1/bag	1	10
	CF-4B	Brass Compression Union - 3/8" - 1/bag	1	10
	FLRL-050	Fuel Line Compression Union - 5/16" Steel to 5/16" Nylon - 2/bag	1	5
	FLRL-055	Fuel Line Compression Union - 5/16" Nylon to 5/16" Nylon - 2/bag	1	5
	FLRL-060	Fuel Line Compression Union, 3/8" Steel to 3/8" Nylon - 2/bag	1	5
	FLRL-065	Fuel Line Compression Union, 3/8" Nylon to 3/8" Nylon - 2/bag	1	5
	FLRL-250	Fuel Line Compression Union, 1/4" Steel to 1/4" Nylon - 2/bag	1	5
	FLRL-255	Fuel Line Compression Union, 1/4" Nylon to 1/4" Nylon - 2/bag	1	5
	FLRL-057	Fuel Line Push-On Connector - 5/16" Nylon to 5/16" Nylon - 2/bag	1	5
	FLRL-067	Fuel Line Push-On Connector - 3/8" Nylon to 3/8" Nylon - 2/bag	1	5
	FLRL-095	Fuel Line Adapter - 5/16" Female to 5/16" Nylon - 2/bag	1	5
	FLRL-100	Fuel Line Adapter - 3/8" Female to 3/8" Nylon - 2/bag	1	5
	FLRL-107			

*1 per bag unless noted







 **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

FLRK-15 — FUEL LINE REPAIR MASTER KIT *(Continued)*

		Part No.	Description*	Bags/Kit	Bags/Case
		FLRL-107	Fuel Line Adapter - 14mm Female to 14mm Nylon - 1/bag	1	5
		FLRL-070	Fuel Line Adapter - 5/16" Steel to 5/16" Nylon - 2/bag	1	5
		FLRL-075	Fuel Line Adapter - 3/8" Steel to 3/8" Nylon - 2/bag	1	5
		FLRL-127	Fuel Line Adapter - 45° 14mm Steel to 14mm Nylon - 1/bag	1	5
		FLRL-137	Fuel Line Adapter - 14mm Steel to 14mm Nylon - 1/bag	1	5
		FLRL-140	Fuel Line Adapter - 5/16" Rubber Hose to 5/16" Nylon - 2/bag	1	5
		FLRL-145	Fuel Line Adapter - 3/8" Rubber Hose to 3/8" Nylon - 2/bag	1	5
		FLRL-150	Fuel Line Adapter - 5/16" Quick Connect to Nylon - 2/bag	1	5
		FLRL-155	Fuel Line Adapter - 3/8" Quick Connect to Nylon - 2/bag	1	5
		FLRL-160	Fuel Line Adapter - 1/4" Quick Connect to 5/16" Nylon - 1/bag	1	5
		FLRL-165	Fuel Line Adapter/Reducer - 3/8" Nylon to 5/16" Nylon - 1/bag	1	5
		FLRL-167	Fuel Line Adapter/Reducer - 5/16" Nylon to 1/4" Nylon - 1/bag	1	5
		FLRL-170	Fuel Line Adapter - 5/16" Steel to 5/16" Rubber Hose - 1/bag	1	5
		FLRL-175	Fuel Line Adapter - 3/8" Steel to 3/8" Rubber Hose - 1/bag	1	5
		FLRL-270	Fuel Line Adapter - 5/16" Steel to 5/16" Rubber (short) - 2/bag	1	5
		FLRL-275	Fuel Line Adapter - 3/8" Steel to 3/8" Rubber Hose (short) - 2/bag	1	5
		FLRL-38180	Fuel Line Adapter - 180° 3/8" Steel to 3/8" Nylon - 1/bag	1	5
		FLRL-3890	Fuel Line Adapter - 90° 3/8" Nylon to 3/8" Nylon - 2/bag	1	5
		FLRL-51690	Fuel Line Adapter - 90° 5/16" Nylon to 5/16" Nylon - 2/bag	1	5
		FLRN-425	1/4" x 25' Nylon Fuel Line	1	1
		FLRN-525	5/16" x 25' Nylon Fuel Line	1	1
		FLRN-625	3/8" x 25' Nylon Fuel Line	1	1
		FLRQ-020	Fuel Line Quick Connect - Straight Push-On 3/8" Steel to 3/8" Nylon - 2/bag	1	5
		FLRQ-030	Fuel Line Quick Connect - Straight Push-On 5/16" Steel to 3/8" Nylon - 2/bag	1	5
		FLRQ-035	Fuel Line Quick Connect - Straight Push-On 3/8" Steel to 5/16" Nylon - 2 /bag	1	5
		FLRQ-040	Fuel Line Quick Connect - Straight Push-On 5/16" Steel to 5/16" Nylon - 2/bag	1	5
		FLRQ-045	Fuel Line Quick Connect - Straight Push-On 1/4" Steel to 5/16" Nylon - 1/bag	1	5
		FLRQ-120	Fuel Line Quick Connect - 90° 3/8" Steel to 5/16" Nylon - 2/bag	1	5

**1 per bag unless noted*

FLRK-15 — FUEL LINE REPAIR MASTER KIT (Continued)

	Part No.	Description*	Bags/Kit	Bags/Case
	FLRQ-125	Fuel Line Quick Connect - 90° 3/8" Steel to 3/8" Nylon - 2/bag	1	5
	FLRQ-130	Fuel Line Quick Connect - 90° 5/16" Steel to 3/8" Nylon - 2/bag	1	5
	FLRQ-135	Fuel Line Quick Connect - 90° 5/16" Steel to 5/16" Nylon - 2/bag	1	5
	FLRT-14005	5/8" x 3' Heat Shield Sleeve	1	1
	FLRL-001	Clamping Pliers for Hose Clamps	1	1
	ACR-054	Hose Cutting Tool	1	10

*1 per bag unless noted



FLRK-15
Fuel Line Repair Master Kit

PSRK-1 – POWER STEERING LINE REPAIR KIT

Universal power steering line repair system allows many of the over 1,300 SKU's to be repaired quickly and easily and avoid expensive, time-consuming replacement.









Features

- Eliminate waiting on expensive replacements
- Repair lines right on the vehicle
- Meets SAE specs and tested to 6,000 psi
- Cuts labor times and saves customers money
- Includes hose sections from 6" to 30"
- Adapters, tube nuts, line adapters, and shielding
- Utilizes KLEDGE-LOK® technology

	Part No.	Description*	Bags/Kit	Bags/Case
	PSRK	Power Steering Line Repair Kit, Tacklebox Only (Does not Include Hoses or Tool)	1	N/A
	PSRK-1A	Power Steering Line Repair Kit, Master Kit (Includes Hoses, But NOT Tool)	1	N/A
	PSRK-1	Power Steering Line Repair Kit	1	N/A
	SLK-2	Fluid Repair KLEDGE-LOK® Tool/Jaws	1	N/A
	PSRK-500	Power Steering Line Repair Kit Storage Cabinet	1	N/A
	PSR-001	PS Line Adapter - 3/8" x 3" Straight 5/8-18 Inverted - 2/bag	1	5
	PSR-002	PS Line Adapter - 3/8" x 6" Straight 5/8-18 Inverted - 2/bag	1	5
	PSR-003	PS Line Adapter - 3/8" x 3" 45° 5/8-18 Inverted - 2/ bag	1	5
	PSR-004	PS Line Adapter - 3/8" x 3" 90° 5/8-18 Inverted - 2/bag	1	5
	PSR-005	PS Line Adapter - 5/16" x 3" Straight 5/8-18 Inverted - 2/bag	1	5
	PSR-006	PS Line Adapter - 5/16" x 6" Straight 5/8-18 Inverted - 2/bag	1	5
	PSR-007	PS Line Adapter - 5/16" x 3" 45° 5/8-18 Inverted - 2/bag	1	5
	PSR-008	PS Line Adapter - 5/16" x 3" 90° 5/8-18 Inverted - 2/bag	1	5
	PSR-009	PS Line Adapter - 5/16" x 7" Straight O-Ring - 2/bag	1	5
	PSR-010	PS Line Adapter - 3/8" x 7" Straight O-Ring - 2/bag	1	5
	PSR-013	PS Tube Nut - 3/8" 5/8-18 Inverted - 2/bag	1	5
	PSR-014	PS Tube Nut - 5/16" 5/8-18 Inverted - 2/bag	1	5
	PSR-015	PS Tube Nut - 5/16" 1/2-20 Inverted - 2/bag	1	5
	PSR-016	PS Tube Nut - 3/8" M16x1.5 14.75mm Long - 2/bag	1	5
	PSR-017	PS Tube Nut - 3/8" M18x1.5 22mm Long - 2/bag	1	5
	PSR-018	PS Tube Nut - 3/8" M16x1.5 26mm Long - 2/bag	1	5
	PSR-019	PS Tube Nut - 3/8" M16x1.5 55.5mm Long - 2/bag	1	5

*1 per bag unless noted

PSRK-1 — POWER STEERING LINE REPAIR KIT *(Continued)*

	Part No.	Description*	Bags/Kit	Bags/Case
	PSR-020	PS Banjo Fitting Assembly - M14x1.5	1	3
	PSR-021	PS Banjo Fitting Assembly - M16x1.5	1	3
	PSR-022	PS Banjo Fitting Assembly - M18x1.5	1	3
	PSR-023	PS Short Nut - 9/16-18	1	5
	PSR-501	PS KLEDGE-LOK® Connector - 5/16" 5/8-18 Inverted	2	5
	PSR-502	PS KLEDGE-LOK® Connector - 3/8" 5/8-18 Inverted	2	5
	PSRH-606	PS Hose Assembly - 3/8" x 6" 5/8-18 Inverted	1	1
	PSRH-612	PS Hose Assembly - 3/8" x 12" 5/8-18 Inverted	1	1
	PSRH-618	PS Hose Assembly - 3/8" x 18" 5/8-18 Inverted	1	1
	PSRH-624	PS Hose Assembly - 3/8" x 24" 5/8-18 Inverted	1	1
	PSRH-630	PS Hose Assembly - 3/8" x 30" 5/8-18 Inverted	1	1
	PSR-011	PS Heat Shield 2-1/2" x 16"	1	1
	PSR-012	PS Convoluted Split Wrap 1" x 20"	1	1
	ACR-005	5/16" Aluminum Tube-to-Tube KLEDGE-LOK® Union	1	5
	ACR-006	3/8" Aluminum Tube-to-Tube KLEDGE-LOK® Union	1	5
	ACR-028	3" x 1.5" Abrasive Pad	1	1
	ACR-029	KLEDGE-LOK® Anaerobic Tube Sealant Compound - 0.20 fl. oz.	1	1

**1 per bag unless noted*



PSRK-500
Power Steering Line
Repair Kit Storage Cabinet

**Sold Separately*



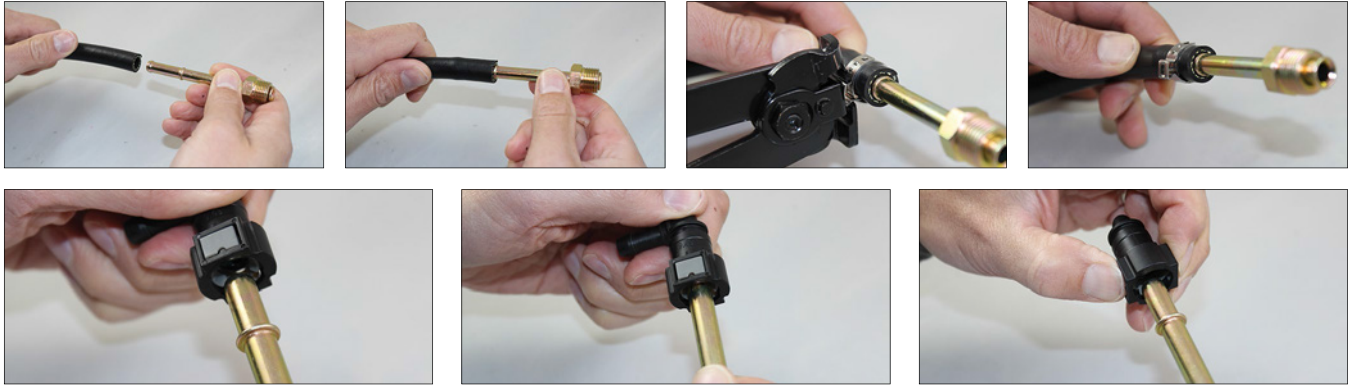
PSRK-1
Power Steering Line Repair Kit

TRK-555 – TRANSMISSION LINE REPAIR KIT

Take the hassle out of transmission/oil cooler line repair! Everything you need in one place to repair or replace cracked or leaking transmission/oil cooler lines quickly and easily. TRK-555 includes connectors, adapters, tube nuts, as well as the hose, clamps, and pliers in one convenient kit.

Features

- Works with most domestic and import vehicle applications
- Kit contains components for 5/16" and 3/8" lines
- Durable triple-walled rubber hose pressure rated up to 250 psi and temperatures up to 350°F
- Easy as one, two...done!























	Part No.	Description*	Bags/Kit	Bags/Case
	TRK-555	Transmission Line Repair Master Kit	1	N/A
	TR-013	3/4" Hanger Clamp with Screws (use with TRC-525 & TRC-624)	1	5
	TR-6806	9/16" 360° Hose Clamp for Transmission/Oil Cooler Hose (use w/TRC-525) - 21/bag	1	5
	TR-6807	3/4" 360° Hose Clamp for Transmission/Oil Cooler Hose (use w/ TRC-625) - 21/bag	1	5
	TR-605	Transmission Line Tube Nut - 3/8" x 5/8-18 Inverted Flare - 4/bag	1	5
	TR-620	Transmission Line Tube Nut - 3/8" x 5/8-18 Inverted Flare Long - 2/bag	1	5
	TR-610	Transmission Line Tube Nut - 3/8" x M16x1.5 Bubble Flare - 4/bag	1	5
	TR-615	Transmission Line Tube Nut - 3/8" x M18x1.5 Bubble Flare - 4/bag	1	5
	TR-601	Transmission Line Connector - 3/8" x 11/16-20 - Ford Taurus, Ford Windstar, Merc Sable	1	5
	TR-603	Transmission Line Connector - 3/8" x 3/8-18 - Chevrolet 2002-1988, GMC 2002-1988	1	5
	TR-607	Transmission Oil Cooler Line Connector - 1/2 x M20x1.5 - GM 2006-1996	1	5
	TR-704	Oil Cooler Line Connector - 3/8" - Chevrolet 1995-1985, GMC 1995-1985 - 1/bag	1	5
	TR-705	Oil Cooler Line Connector - 1/2" x 1/4 NPT x 18.2mm - Chevrolet 2002-1996, GMC 2002-1996	1	5
	TR-713	Transmission Line Connector - 3/8" x 1/4" NPT x 5/8-18 - Dodge 2003-1990	1	5
	TR-750	Transmission Line Connector - 3/8" x 1/4-18 NPT - Dodge 2003-1994, Jeep 2003-1993	1	5
	TR-755	Transmission Line Connector - 3/8" x 3/8-18 - Ford Taurus, Linc Continental, Merc Sable	1	5
	TR-760	Transmission Line Connector - 5/16"x9/16-18 - GM - 1/bag	1	5
	TR-765	Transmission/Oil Cooler Line Connector - 3/8" x 5/8-18 - GM 2006-1996 - 1/bag	1	5
	TR-770	Transmission Line Connector - 3/8" x 3/8-18 - Cadillac, Chevrolet, GMC, Hummer	1	5

*1 per bag unless noted

Line Repair Systems - Transmission

TRK-555 – TRANSMISSION LINE REPAIR KIT *(Continued)*

		Part No.	Description*	Bags/Kit	Bags/Case
		TR-720	Transmission Line Quick Connector - 3/8" Straight Push Quick Connect to Rubber	1	5
		TR-775	3/8" Transmission Line Connector Clip - 5/bag	1	5
		TR-405	Transmission Line Adapter - 5/16" Steel Compression to 5/16" Rubber - 1/bag	1	5
		TR-410	Transmission Line Adapter - 3/8" Steel Compression to 5/16" Rubber - 1/bag	1	5
		TR-935	Transmission Line Adapter - 5/16" x 5/8-18 Inverted Flare Nut to Rubber Hose	2	5
		TR-940	Transmission Line Adapter - 5/16" x 1/2-20 Nut GM O-Ring to Rubber Hose	2	5
		TR-945	Transmission Line Adapter - 5/16" x 1/2-20 Inverted Flare Nut to Rubber Hose	2	5
		TR-950	Transmission Line Adapter - 5/16" Rubber Hose to 5/16" Rubber Hose - 1/bag	1	5
		TR-955	Transmission Line Adapter - 5/16" Rubber Hose to Quick Connector - 1/bag	1	5
		TR-960	Transmission Line Adapter - 3/8" Rubber Hose to 5/16" Rubber Hose - 1/bag	1	5
		TR-965	Transmission Line Adapter - 3/8" Rubber Hose to Quick Connector - 1/bag	1	5
		TR-970	Transmission Line Adapter - 3/8" 45° Male to Rubber Hose - 1/bag	1	5
		TR-975	Transmission Line Adapter - 3/8" 90° Male to Rubber Hose - 1/bag	1	5
		TR-980	Transmission Line Adapter - 3/8" Straight Male to Rubber Hose - 2/bag	1	5
		TR-985	Transmission Line Adapter - 3/8" Inverted Flare to Rubber Hose - 2/bag	1	5
		TR-990	Transmission Line Adapter - 3/8" GM O-Ring to Rubber Hose - 2/bag	1	5
		TRC-525	5/16" x 25' Transmission/Oil Cooler Hose	1	1
		TRC-625	3/8" x 25' Transmission/Oil Cooler Hose	1	1
		TR-360	360° Hose Cutting Pliers	1	1
		ACR-054	Hose Cutting Tool	1	10

*1 per bag unless noted

Line Repair Systems - Transmission



TRK-555
Transmission Line Repair Kit

EZ-FIT® — COMPLETE BRAKE LINE REPLACEMENT KIT

FASTER • EASIER • TOUGHER



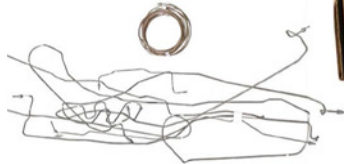
EZ-FIT®

Complete Brake Line Replacement Kit **NiCopp®**
CU-NI 70/30 ALLOY TUBING

The Solution to Rusted OE Brake Lines! NiCopp® EZ-FIT® Complete Brake Line Replacement Kits are fast, economical, superior quality solutions to replacing steel brake lines in the over 100 million popular GM, Chevy, Ford, Dodge, Jeep trucks and SUV's that experience an almost 100% failure rate in the rust belt regions of North America. EZ-FIT® provides easier, longer-lasting replacement than the competition.

Features

- Highest quality machined flares for leak-proof & hassle-free connections.
- Black oxide fittings provide increased corrosion protection over standard zinc-coated fittings.
- NiCopp® is the ultimate corrosion-proof tubing that outlasts even stainless steel.
- EZ-Bend® technology makes bending, routing, & installing easier than pre-bent lines.



Part No.	Make/Model	Year	Lines/Kit
CNC-100KIT	Chevrolet Avalanche 1500/2500/Cadillac Escalade EXT	2002	7
CNC-101KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/4WD/Short Bed	2003-2007	9
CNC-102KIT	Chevrolet Silverado 1500/ MC Sierra 1500 Standard Cab/RWD/Short Bed	1999-2002	7
CNC-103KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/RWD/Short Bed	1999-2002	7
CNC-104KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/RWD/Long Bed	1999-2002	7
CNC-105KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/RWD/Long Bed	2000-2002	7
CNC-106KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/4WD/Short Bed	1999-2002	7
CNC-107KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/4WD/Short Bed	1999-2002	7
CNC-108KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/4WD/Long Bed	1999-2002	7
CNC-109KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/4WD/Long Bed	1999-2002	7
CNC-110KIT	Chevrolet Silverado 1500 HD/GMC Sierra 1500 HD Crew Cab	2001-2002	7
CNC-111KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/RWD/Short Bed	2003-2004	9
CNC-112KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/RWD/Long Bed	2003-2004	9
CNC-113KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/RWD/Long Bed	2003-2004	9

Line Repair Systems - Brake

EZ-FIT® - COMPLETE BRAKE LINE REPLACEMENT KIT *(Continued)*

Part No.	Make/Model	Year	Lines/Kit
CNC-114KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/4WD/Short Bed	2003-2004	9
CNC-115KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/4WD/Long Bed	2003-2004	9
CNC-116KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/4WD/Long Bed	2003-2004	9
CNC-117KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/RWD/Short Bed - Rear Disc Brakes	2003-2007	9
CNC-118KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Crew Cab/4WD/Short Bed	2004-2007	9
CNC-119KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/RWD/Short Bed	2005-2007	7
CNC-120KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/RWD/Short Bed - Rear Drum Brakes	2005-2007	7
CNC-121KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/4WD & RWD/Short Bed - Rear Drum Brakes/Torsion Bar Springs	2005-2007	7
CNC-122KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/RWD/Long Bed	2005-2007	7
CNC-123KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/RWD/Long Bed	2005-2007	7
CNC-124KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Crew Cab/4WD & RWD/Short Bed - Rear Drum Brakes/Torsion Bar Springs	2005-2007	7
CNC-125KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Crew Cab/RWD/Short Bed - Rear Drum Brakes/Torsion Bar Springs	2005-2007	7
CNC-126KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/4WD/Short Bed	2005-2007	7
CNC-127KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Standard Cab/4WD/Long Bed	2005-2007	7
CNC-128KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/4WD/Long Bed	2005-2007	7
CNC-129KIT	Chevrolet Silverado 1500 HD/GMC Sierra 1500 HD Crew Cab/Short Bed - Rear Disc Brakes	2003-2007	7
CNC-130KIT	Chevrolet Silverado 1500/GMC Sierra 1500 Extended Cab/Short Bed	2006-2007	7
CNC-131KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Extended Cab/RWD/Short Bed	1999-2000	7
CNC-132KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Standard Cab/RWD/Long Bed	1999-2000	7
CNC-133KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Extended Cab/RWD/Long Bed	1999-2000	7
CNC-134KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Extended Cab/4WD/Long Bed	1999-2000	7
CNC-135KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Extended Cab/4WD/Short Bed	1999-2002	7
CNC-136KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Standard Cab/4WD/Long Bed	1999-2002	7
CNC-137KIT	Chevrolet Silverado 2500 HD/GMC Sierra 2500 HD Extended Cab/Short Bed	2001-2002	7
CNC-138KIT	Chevrolet Silverado 2500 HD/GMC Sierra 2500 HD Crew Cab/Short Bed	2001-2002	7
CNC-139KIT	Chevrolet Silverado 2500 HD/3500/GMC Sierra 2500 HD/3500 Standard Cab/4WD & RWD/Long Bed	2001-2002	7
CNC-140KIT	Chevrolet Silverado 2500 HD/3500/GMC Sierra 2500 HD/3500 Extended Cab/Long Bed	2001-2002	7
CNC-141KIT	Chevrolet Silverado 2500 HD/3500/GMC Sierra 2500 HD/3500 Crew Cab/Long Bed	2001-2002	7
CNC-142KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Standard Cab/RWD/Long Bed	2003-2004	7
CNC-143KIT	Chevrolet Silverado 2500/GMC Sierra 2500 Extended Cab/4WD/Short Bed	2003-2004	7

EZ-FIT® - COMPLETE BRAKE LINE REPLACEMENT KIT *(Continued)*

Part No.	Make/Model	Year	Lines/Kit
CNC-144KIT	Chevrolet Silverado 2500 HD/GMC Sierra 2500 HD Extended Cab/Short Bed	2003-2007	7
CNC-145KIT	Chevrolet Silverado 2500 HD/3500/GMC Sierra 2500 HD/3500 Standard Cab/4WD & RWD/Long Bed	2003-2007	7
CNC-146KIT	Chevrolet Silverado 2500 HD/3500/GMC Sierra 2500 HD/3500 Extended Cab/Long Bed	2003-2007	7
CNC-147KIT	Chevrolet Silverado 2500 HD/3500/GMC Sierra 2500 HD/3500 Crew Cab/Long Bed	2003-2007	7
CNC-148KIT	Chevrolet Suburban 1500/GMC Yukon XL 1500 2002 Cadillac Escalade EXT & Chevrolet Avalanche 1500	2000-2002	7
CNC-149KIT	Chevrolet Suburban/Avalanche 1500/GMC Yukon XL 1500/Cadillac Escalade ESV/EXT	2003-2006	9
CNC-150KIT	Chevrolet Suburban/Avalanche 1500/GMC Yukon XL 1500/Cadillac Escalade ESV/EXT RPO Code JL4 (Active Brake Control)	2003-2006	11
CNC-151KIT	Chevrolet Tahoe/GMC Yukon/Cadillac Escalade RPO Code JL4 (Active Brake Control)	2002	7
CNC-152KIT	Chevrolet Tahoe/GMC Yukon/2002 Cadillac Escalade	2000-2002	7
CNC-153KIT	Chevrolet Tahoe/GMC Yukon/Cadillac Escalade	2003-2006	9
CNC-154KIT	Chevrolet Tahoe/GMC Yukon/Cadillac Escalade RPO Code JL4 (Active Brake Control)	2003-2006	11
CNC-155KIT	Chevrolet Silverado 3500/GMC Sierra 3500 Standard Cab/4WD & RWD/DRW	2001-2002	7
CNC-156KIT	Chevrolet Silverado 3500/GMC Sierra 3500 Extended Cab/4 Door/DRW	2001-2002	7
CNC-157KIT	Chevrolet Silverado 3500/GMC Sierra 3500 Standard Cab/2 Door/DRW	2001-2002	7
CNC-158KIT	Chevrolet Silverado 3500/GMC Sierra 3500 Standard Cab/4WD & RWD/DRW - 161.5 inch Wheelbase	2003-2007	7
CNC-159KIT	Chevrolet Silverado 3500/GMC Sierra 3500 Standard Cab/DRW - 137 inch Wheelbase	2003-2007	7
CNC-160KIT	Chevrolet Silverado 3500/GMC Sierra 3500 Extended & Standard Cab/DRW	2003-2007	7
CNC-161KIT	Chevrolet Suburban 2500/GMC Yukon XL 2500 - RWD	2000	7
CNC-162KIT	Chevrolet Suburban 2500/GMC Yukon XL 2500 2002 Chevrolet Avalanche 2500	2000-2002	7
CNC-163KIT	Chevrolet Suburban/Avalanche 2500/GMC Yukon XL 2500	2003-2006	7
CNC-164KIT	Ford F-150 /Lobo Ext Cab 78" Bed & Std Cab 96" Bed	1997-2000	7
CNC-166KIT	Ford F-150 /Lobo - Std Cab 78" Bed	1997-2000	7
CNC-168KIT	Ford F-150 /Lobo Std Cab 78" Bed - Under 7,700 Lb. GVW	2000-2004	8
CNC-169KIT	Ford F-150 /Lobo Ext Cab 96" Bed - Under 7,700 Lb. GVW	2000-2004	8
CNC-170KIT	Ford F-150 /Lobo Ext Cab 78" Bed & Std Cab 96" Bed- Under 7,700 Lb. GVW	2000-2004	8
CNC-171KIT	Dodge Ram 1500 Ext Cab 78" Bed & Std Cab 96" Bed FWD - 4-Wheel ABS	2000-2001	11
CNC-172KIT	Dodge Ram 1500 Ext Cab 96" Bed FWD - 4 Wheel ABS	2000-2001	11
CNC-173KIT	Dodge Ram 1500 Std Cab 78" Bed FWD - 4 Wheel ABS	2000-2001	11
CNC-175KIT	Dodge Ram 2500 Ext Cab 78" Bed FWD	2000-2001	12
CNC-176KIT	Dodge Ram 2500 Ext Cab 96" Bed FWD	2000-2001	12

EZ-FIT® - COMPLETE BRAKE LINE REPLACEMENT KIT (Continued)

Part No.	Make/Model	Year	Lines/Kit
CNC-177KIT	Dodge Ram 2500 Std Cab 78" & 96" Bed FWD	2000-2001	12
CNC-179KIT	Dodge Ram 2500 Ext Cab 78" Bed & Std Cab 96" Bed w/ FWD Rear Disc Brakes	2001-2002	12
CNC-180KIT	Dodge Ram 2500 Ext Cab 96" Bed w/ FWD Rear Disc Brakes	2001-2002	12
CNC-181KIT	Dodge Ram 2500 Std Cab 78" Bed w/ FWD Rear Disc Brakes	2001-2002	12
CNC-187KIT	Dodge Ram 1500 Ext Cab 78" & Std Cab 96" Bed RWD - 4 Wheel ABS	2000-2001	11
CNC-188KIT	Dodge Ram 1500 Ext Cab 96" Bed RWD - 4 Wheel ABS	2000-2001	11
CNC-189KIT	Dodge Ram 1500 Std Cab 78" Bed RWD - 4 Wheel ABS	2000-2001	11
CNC-191KIT	Dodge Ram 2500 Ext Cab 78" & Std Cab 96" Bed RWD - 4 Wheel ABS	2000-2001	12
CNC-192KIT	Dodge Ram 2500 Ext Cab 96" Bed RWD - 4 Wheel ABS	2000-2001	12
CNC-193KIT	Dodge Ram 2500 Std Cab 78" Bed RWD - 4 Wheel ABS	2000-2001	12
CNC-196KIT	Dodge Ram 2500 Ext Cab 96" Bed w/ RWD Rear Disc Brakes - Dana 60/70	2001-2002	12
CNC-197KIT	Dodge Ram 2500 Std Cab 78" Bed w/ RWD Rear Disc Brakes - Dana 60/70	2001-2002	12
CNC-198KIT	Dodge Ram 2500 Ext Cab 78" & Std Cab 96" Bed w/ RWD Rear Disc Brakes	2001-2002	12
CNC-200KIT	Dodge Ram 2500 Ext Cab 96" Bed RWD w/ Rear Disc Brakes - Dana 80	2001-2002	12
CNC-201KIT	Dodge Ram 2500 Std Cab 78" Bed RWD w/ Rear Disc Brakes - Dana 80	2001-2002	12
CNC-203KIT	Dodge Ram 1500 Ext Cab 78" Bed & Std Cab 96" Bed FWD - 2 Wheel ABS	2000-2001	9
CNC-204KIT	Dodge Ram 1500 Ext Cab 96" Bed FWD - 2 Wheel ABS	2000-2001	9
CNC-205KIT	Dodge Ram 1500 Std Cab 78" Bed FWD - 2 Wheel ABS	2000-2001	9
CNC-207KIT	Dodge Ram 2500 Ext Cab 78" Bed & Std Cab 96" Bed 4WD - 2 Wheel ABS	2000-2001	10
CNC-208KIT	Dodge Ram 2500 Ext Cab 96" Bed 4WD - 2 Wheel ABS	2000-2001	10
CNC-209KIT	Dodge Ram 2500 Std Cab 78" Bed 4WD - 2 Wheel ABS	2000-2001	10
CNC-211KIT	Dodge Ram 1500 Ext Cab 78" & Std Cab 96" Bed RWD - 2 Wheel ABS	2000-2001	9
CNC-212KIT	Dodge Ram 1500 - Ext Cab 96" Bed RWD - 2 Wheel ABS	2000-2001	9
CNC-213KIT	Dodge Ram 1500 - Std Cab 78" Bed RWD - 2 Wheel ABS	2000-2001	9
CNC-215KIT	Dodge Ram 2500 - Ext Cab 78" Bed & Std Cab 96" Bed RWD - 2 Wheel ABS	2000-2001	10
CNC-216KIT	Dodge Ram 2500 - Ext Cab 96" Bed RWD - 2 Wheel ABS	2000-2001	10
CNC-217KIT	Dodge Ram 2500 - Std Cab 78" Bed RWD - 2 Wheel ABS	2000-2001	10
CNC-219KIT	Chevrolet Silverado 2500 HD/GMC Sierra 2500 HD Crew Cab/Short Bed	2003-2007	7
CNC-220KIT	Jeep Wrangler - Dana 35 Axle	1997-2002	7
CNC-221KIT	Jeep Wrangler - Dana 44 Axle	1997-2002	7

BRAKE LINE REPLACEMENT KITS

Manufactured to OE Specs by the OE Supplier! Save time and money using the highest quality copper nickel alloy tubing paired with comprehensive fitting assortments. Eliminate searching for just the right fitting. Kits contain handy instructional materials. NiCopp® is the easiest, kink-proof bending and flaring line available – Period! Eliminate continued replacement cost of rusted brake lines with corrosion-proof NiCopp® lines. No bending or special flaring equipment required. Lifetime warranty!



NiCOPP®
Cu • Ni • Fe ALLOY TUBING



BLFA-8K - 3/16" Kit

(1) 3/16" x 25' NiCopp® Coil

(1) 3/16" Fitting assortment –Tube nuts, adapters, and unions for working with any domestic or import 3/16" brake line system

(1) Brake line replacement instruction sheet



BRAKE LINE REPLACEMENT MADE EASY!

EVERYTHING YOU NEED TO PRODUCE THE HIGHEST QUALITY BRAKE LINES ON THE PLANET!

Instruction Sheet Included!



Features

- Cut labor times by 50%
- Multiple lines with one kit
- Convenient and refillable
- SAE and Metric

MEETS SPECS

SAE J1650/J1677 • DIN 74234
• BS 2871

BLFA-8K-2 - 3/16" Kit

(2) 3/16" x 25' NiCopp® Coil

(1) 3/16" Fitting assortment –Tube nuts, adapters, and unions for working with any domestic or import 3/16" brake line system

(1) Brake line replacement instruction sheet



BLFA-10K - 3/16" & 1/4" Kit

(1) 3/16" x 25' NiCopp® Coil

(1) 1/4" x 25' NiCopp® Coil

(1) 3/16" & 1/4" Fitting assortment –Tube nuts, adapters, and unions for working with any domestic or import 3/16" & 1/4" brake line system

(1) Brake line replacement instruction sheet



BLFA-9K - 1/4" Kit

(1) 1/4" x 25' NiCopp® Coil

(1) 1/4" Fitting assortment –Tube nuts, adapters, and unions for working with any domestic or import 1/4" brake line system

(1) Brake line replacement instruction sheet



BRAKE LINE FITTING GAUGES

The AGS Brake Line Fitting Gauges come in both SAE/Inch and ISO/Metric versions. The Brake Line Fitting Gauge is an accurate and easy-to-use thread checker for the most common thread sizes found in automotive braking systems. Conveniently assembled onto a wire loop, it is especially well suited for distinguishing between similar inch and metric threads. This tool is a great addition for Auto, Motorcycle, Marine, ATV or RV Repair Shops.

BLFG-UNF — SAE/Inch Brake Fitting Gauge

Thread Gauge Sizes: 1/8" NPTF, 1/4" NPTF, 3/8-24, 7/16-20, 7/16-24, 1/2-20, 9/16-18, 9/16-20, 5/8-18



Features

- Each size has a male and female end checker on the same gauge
- Thread sizes are permanently stamped onto each gauge
- Inch gauges are clear zinc plated, metric gauges are black oxide
- A wire cable with plastic coated loop at each end provides convenient hanging in many locations
- Each gauge rotates freely on the wire cable for quick and easy thread verification

BLFG-MET — Metric Brake Fitting Gauge

Thread Gauge Sizes: M16x1.5, M14x1.5, M13x1.0, M12x1.5, M12x1.0, M11x1.5, M10x1.0, M9x1.0



FF-2 — PROFESSIONAL BRAKE TUBE FLARING TOOL

Professional grade turret-style tube flaring tool includes all dies/retaining jaws to create 45°-degree flares in 3/16", 1/4", 5/16", and 3/8" O.D. steel, stainless steel, and nickel-copper tubing. Create precision SAE inverted, ISO bubble, and single flares quickly. Convenient turret carrier keeps all dies ready & available for quick indexing and changeover, while quick release "T" handle ensures fast holder die changeovers.

Features

- Create precise SAE inverted, ISO bubble, and single flares quickly
- Flare steel, stainless steel, and nickel-copper tubing
- Includes retaining jaws and dies to flare 3/16", 1/4", 5/16", and 3/8" O.D. tubing
- Turret-style keeps all dies ready and accessible



FF-2
Turret-Style Tube Flaring Tool

FF-237 — Professional Turret-Style 37° Upgrade Kit

Upgrade your FF-2 Professional Turret-Style flare tool with this kit, it works on 3/16", 1/4", 5/16" and 3/8" tubing. Kit includes 7 punches on a turret and 4 die blocks to quickly convert your FF-2 to create 37° flares. 37° flares are used in many custom, hydraulic and military applications where AN- or JIC-type fittings are used.



ISO Bubble SAE Inverted Single



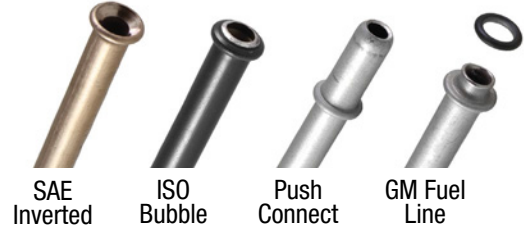
FF-237
Turret-Style 37° Upgrade

FF-3 — UNIVERSAL HYDRAULIC TUBE FLARING SET

Powerful and compact universal hydraulic flaring tool works to produce 45° degree SAE inverted, ISO bubble, Push-Connect, GM Fuel Line and single flares quickly and accurately, both on and off vehicle. Flare steel, stainless steel, and nickel-copper tubing with ease using ergonomic power. Improved design provides positive detents to retain dies, allowing for true one-handed operation in tight quarters.

Features

- Create precise SAE inverted, ISO bubble, push connect, and GM fuel line flares quickly
- Hydraulic-actuated flaring operation for ergonomic power
- Flare steel, stainless steel, and nickel-copper tubing
- Includes retaining jaws and dies to flare 3/16", 1/4", 5/16", 3/8", 1/2", 4.75mm, 6mm, 8mm, and 10mm lines



TB-1 — BRAKE & FUEL LINE BENDING PLIERS

Quickly and easily bend, align and adjust 3/16" or 1/4" brake and fuel lines without kinking. Unique design provides a flush (flat) surface on one side of the bending head, allowing the tool to bend tight radiuses right up against a tube nut or obstruction. Forged steel body with ergonomic heavy-duty molded grips allow for a comfortable and secure hold and excellent durability. Black-oxide finish ensures rust resistance.

Features

- Bend, align, and adjust brake and fuel lines without kinking
- Ergonomic heavy-duty rubber grips allow for a comfortable and secure hold
- Forged steel with black-oxide tool and jaw construction for long lasting use

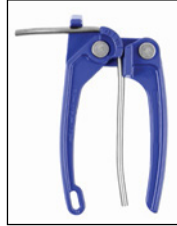


TB-2 — MINI TUBE BENDER

Mini tubing bender forms tight bends in 1/8", 3/16", and 1/4" tubing quickly and without kinking. Bending range from 0 to 120 degrees, with reference marks at 45° and 90° degrees. Sturdy powder coated casting smoothly bends brake and fuel line as well as other aluminum, copper, brass or steel tubing.

Features

- Make tight bends in 1/8", 3/16", and 1/4" tubing without kinking
- Compact and light weight design to fit in any toolbox
- Bend from 0° to 120°
- Reference marks at 45° and 90°



TC-316 — RATCHETING TUBE CUTTER

Innovative ratcheting tubing cutter works with any metal tube from 1/8" through 1/2" O.D. Compact design for confined spaces, the tool works by allowing the cutting head to rotate a full 360° degrees through ratcheting movement of the handle. Automatic spring-loaded cutter wheel works evenly and quickly. The tool also features a convenient retractable debur/file tool in handle.

Features

- Cuts metal tube 1/8" to 1/2" O.D.
- Compact design for confined spaces
- Spring-loaded automatic cutter
- Retractable debur/file tool in handle



TR-1 — REAMING & DEBURRING TOOL

Reaming and deburring lines allows for the best possible flaring and joining of tubing without the risk of metal shards contaminating the job! This inside/outside reaming and deburring tool works with 3/16" (4mm) through 1/2" (14mm) O.D. steel, copper, copper-alloy, & aluminum tubing. Perfect for brake, fuel, transmission, and coolant lines. Jaws and blades are formed from high-strength steel and are retractable into the billet steel body for safety. Three cutting edges ensure clean, even deburring every time.

Features

- Works with steel, copper, copper-alloy, and aluminum
- 3 cutting edges for clean deburring
- Jaws and blades constructed from HSS steel
- Aluminum housing



Outside (Before & After)

Inside (Before & After)

⚠ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

RATCHETING FLARE NUT WRENCH

Keys to Innovation:

- Ratcheting action on worn and corroded fittings
- Faster on and off!
- Single-handed operation

LINE WRENCH™

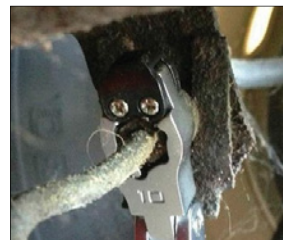
RATCHETING FLARE NUT WRENCH • BY XFORGE



EASY ON, EASY OFF RATCHETING POWER.

A must have for any professional mechanic. This line wrench makes fast work of troublesome fittings. Using one hand, the wrench head can be opened and closed to completely surround the hex of the fitting. Even a hex that has severe rounded corners can be loosened or tightened because of the unique shape of the wrench head.

Features

- 360° grip removes even rounded fittings
- Ratchet function works in tight spaces
- More pressure applied equals tighter grip on nut
- Open and close wrench head with one hand
- Hinged neck to reach into hard to reach areas



Part No.	Description
 LWSETFLEX-IMPERIAL	Line Wrench, Double Flex, Imperial, Set of 4 (LW51638FLEX, LW71612FLEX, LW91658FLEX, LW111634FLEX)
 LWSETFLEX-METRIC	Line Wrench, Double Flex, Metric, Set of 4 (LW0809FLEX, LW1011FLEX, LW1213FLEX, LW1415FLEX)

RELATED LUBRICANTS AND CHEMICALS

Sil-Glyde® Brake Lubricant is a silicone-based brake lubricant recommended for the entire brake assembly and is compatible with rubber. It is moisture-proof and heat resistant to over 425°F (218°C), which means it won't burn-off like other brake noise products. Using AGS brake lubricant is one of the keys to eliminating disc brake squeal.



BK-1

BK-4

BK-8

BK-12

Thread-Magic® Avoid stuck bolts! Assure easy removal on aluminum and cast iron components to prevent seizing, galling, and damage during disassembly. Suggested applications: bolts and fasteners.



TMK-1

TMP-1

TM-1

Silicone Brake Fluid is specially formulated, high-temperature fluid required in some modern brake systems. Reduces corrosion in the braking system. Provides even braking performance in temperatures from -75°F to +600°F. Recommended for domestic, European, and Japanese vehicles. Excellent for motorcycles, heavy duty vehicles, and trailer units.



SBF-12

SBF-17

SBF-18

Cerami-Glyde® is a high-performance brake lubricant for all contact points. It is a new formula for ceramic pads that prevent brake noise.



CM-1

CM-4

CM-8

Oil Drain Plug and Filter Thread Sealant Prevent engine damaging oil leaks with AGS Thread Sealant. Apply to threads on all types of filters and oil drain plugs to prevent freeze-ups. Allow for easier, safer, and trouble-free removal.



ODP-1A

FEATURED NEW PRODUCT - STAINLESS STEEL TUBING

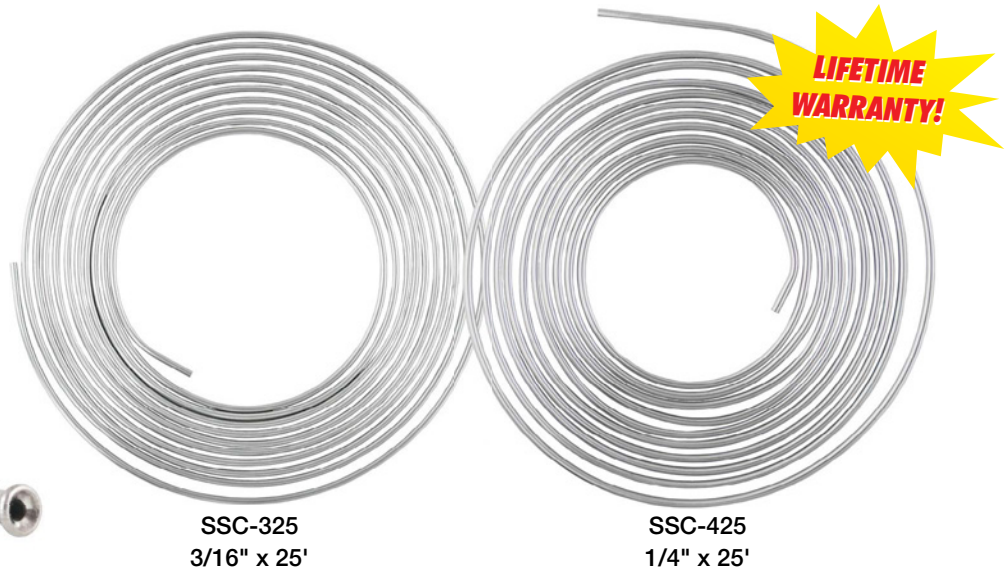
STAINLESS STEEL TUBING



*“Looks Like Stainless, Lasts Like Stainless...
Bends, Cuts, and Flares Like Standard Steel!”*

316L marine-grade soft-annealed stainless steel with added molybdenum for ultimate corrosion resistance. Standard 0.028" wall thickness provides strength while remaining workable with standard brake cutting, bending, and flaring tools. Stunning polished stainless steel finish suitable for all automotive applications where appearance is critical.

Features

- 316L Marine-Grade
- Molybdenum
- Soft-Annealed
- 0.028" Wall Thickness
- Polished Finish
- Meets SAEJ1667



	Part No.	Diameter	Length	Burst (psi)	Working (psi)
	SSC-325	3/16"	25'	15,310	3,062
	SSC-425	1/4"	25'	11,070	2,214

*See Page 17