



Pipe Size	1/16	1/8	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2
Thread Size-B	1/16-27	1/8-27	1/4-18	3/8-18	1/2-14	3/4-14	1-11-1/2	1-1/4-11-1/2	1-1/2-11-1/2	2-11-1/2

Forged Fittings and Adaptors

Pipe Fittings 3000 Series Pressure Rating Chart

Connection Type	End Size									
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
Male Pipe (NPTF)	6000	5000	5000	4000	4000	4000	3000	2500	2500	
Female Pipe (NPTF)	5000	5000	4000	3000	2500	2000	1500	1500	1000	

Brazed Fittings (TF)

Pipe Fittings 3000 Series Pressure Rating Chart

Connection Type	End Size									
	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	
Male Pipe (NPTF)	5000	5000	4000	3000	2500	2000	1150	1000	1000	
Female Pipe (NPTF)	5000	5000	4000	3000	2500	2000	1150	1000	1000	

Rated pressures are for low surge, static type applications.

- Typical Application**

Grease, instrumentation and most hydraulic systems.

- Pressure**

Refer to the pressure charts above. The maximum working pressure of an adaptor is the lower working pressure of the end size. Ex: C3069x8x6, 8 = 4000 psi and 6 = 5000 psi. Maximum working pressure is 4000 psi.

- Vibration**

Fair resistance.

- Temperature Range**

-65°F to +400°F (-53°C to +204°C).

- Material**

Carbon Steel - AISI/SAE 12L14
Stainless Steel - type 316
Plating - Zinc, yellow dichromate finish ASTM B633 Type II.

- Used With**

Steel, brass, bronze and iron pipe.

- Advantages**

Dryseal pipe threads (NPTF) (SAE J476), zinc plate, compact size. Broad range of sizes and styles.

- Conformance**

Meets SAE specifications.

- How to Order**

Order individually by catalog number. Example: C3069x4. To order with Weathercote finish (black phosphate coating), use "W" prefix in place of "C". Example: W3069x4 (special order only). To order with pipe sealant (Seal-A-Thread), add a "Z" suffix to the catalog number. Example: C3069x4Z (special order only).

Weatherhead fittings with a "C" prefix are made from a forged construction. Example: C3609x4. Weatherhead fittings with a "TF" prefix are made from a brazed construction. Example: TF3609x4.

- NOTE**

Refer to current price list for availability of cataloged items. Quotations and delivery of non-stock items supplied upon request. Configurations and dimensions subject to change without notice. Additional information can be found in SAE J514.

- Assembly Instructions**

Tighten approximately 2-1/2 turns past finger tight. On all shaped fittings, such as elbows and tees, tighten approximately 2 turns past finger tight and orient the fitting on the third turn. **NOTE:** Backing off for orientation after completing the tightening process, may cause the thread sealing method on these pipe threads to leak!

- Welding procedures**

Use electric weldrod AWS-E7018. Recommended procedure specifies using lower amperage than usual and puddling of molten metal to permit gases created by lead in steel to work through molten lead deposit.

Label Set: **FS-2000** (adhesive)

 Refer to safety information on page 1 & 2.



 **WARNING:** Must be used in a well ventilated area!

T-560 • MAGNATORCH BRAZING MACHINE

The new Magnatorch Brazing Machine from Weatherhead is perfect for making large numbers of FOR-SEAL® Tube Fitting Assemblies. By providing 360 degree induction heating, the brazing process is fast, clean and flameless. A heavy duty cart is also provided with table top work area, vise, and storage drawer to make up a complete brazing station. The T-560 includes one each of the following:

Catalog Number	Qty.	Description
T-560-1	1	Magnatorch Power Source
T-560-2	1	Magnatorch Water System
T-560-3	1	Magnatorch Induction Torch
T-560-4	1	Magnatorch Power Cables
T-560-5	1	Magnatorch Heating Coil #1 (1-1/4 I.D.)
T-560-6	1	Magnatorch Heating Coil #2 (1-5/16 I.D.)
T-560-7	1	Magnatorch Heating Coil #3 (2-1/4 I.D.)
T-560-8	1	Magnatorch Torch Cart

LABEL SETS

for FC-16X, C-63X and C-632X Cabinets



Full assortment available. Each label contains catalog number, illustration, size data and color coding for quick, positive identification of parts. Labels slide easily into slots on drawers and dividers.

Catalog Number	Description
CL-16-1	Standard Brass Fittings for FC-16X cabinet.
CL-16-2	Air brake fittings for copper tubing. Use with FC-16X cabinet.
CL-16-3	Air brake fittings for nylon tubing. Use with FC-16X cabinet.
CL-434	Fuel Line Hose Fittings (series 057B).
CL-490	Standard brass fittings, drain and shut-off cocks includes Compression, SAE, Inverted and Pipe, and series 057B fuel line hose fittings.
CL-491	Air brake fittings for copper tubing.
CL-492	Hydraulic brake fittings.
CL-493	Barb-Tite® hose ends.
CL-494	Master Set - contains one each of CL-490, CL-491, CL-492, CL-493.
CL-496	Mini-Barb® fittings.
CL-497	Air brake fittings for nylon tubing.
CL-498	Polyline® fittings.
CL-499	Push-Connect
CL-500	Selfalign®
CL-501	Plastic Fittings
CL-502	Metric Adapters
CL-503	QCAB® Fittings

SELF-ADHESIVE LABEL SETS

for FH-15X and C-15X Cabinets



Labels are printed on self-adhesive stock for quick application. Each label contains an illustration of the part along with the catalog number and size information.

Catalog Number	Description
FS-100	Swivel Adapters
FS-200	JIC 37° Flare Twin Steel Adapters
FS-300	Split Flange Adapters, Split Flange Kits, O-Ring Port Adapters
FS-500	Barb-Tite® Hose Ends
FS-501	BL-456 Assortment Label Set
FS-800	Air brake fitting for copper tubing and 338 "B" Series Hose Ends
FS-900	Air brake fittings for nylon tubing
FS-1000	Mini-Barb® fittings
FS-1600	Flareless Ermelo® 7000 Series
FS-2000	Steel pipe fittings
FS-2100	Polyline® fittings
FS-2400	FOR-SEAL® Adapters
FS-3300	QCAB® Fittings
SH-53	Weatherhead envelope 6" x 4-1/2" (Qty 500)
W-8022	Standard brass fittings and drain-shut-off valves

PLASTIC BAGS



Weatherhead heavy-duty plastic bags for Weatherhead fittings come in sizes 5"x6", 6"x10", and 8"x12". The bags include convenient spaces for labeling.

Catalog Number	Description	Qty.
5x6 PB	Plastic Bag	100
6x10 PB	Plastic Bag	100
8x12 PB	Plastic Bag	100