

Materials Specification – 24 for MISCELLANEOUS ITEMS

1. METER COUPLINGS:

Couplings shall be of the type listed below:

Ford

Lead to Copper Lead Pak	#Q 32-13	(1/2" x 3/4")
	#Q 22-23	(5/8" x 3/4")
	#Q 22-33	(3/4" x 3/4")
	#Q 12-44	(1" x 1")
	#C 44-33	(3/4" x 3/4")
Iron to Copper Pack Joint	#C 84-66	(1-1/2" x 1-1/2")
	#C 84-77	(2" x 2")
Copper to Copper Pack Joint	#C 44-66	(1-1/2" x 1-1/2")
	#C 44-77	(2" x 2")
Iron to Iron Pack Joint	#C 85-66	(1-1/2" x 1-1/2")
	#C 85-77	(2" x 2")
Brass to Brass Pack Joint		
(iron to iron)	#C 55-66	(1-1/2" x 1-1/2")
	#C 55-77	(2" x 2")
Flared Adapter Coupling	#C 28-66	(1-1/2" x 1-1/2")
	#C 28-77	(2" x 2")
Flanged Coupling Adapter		
Loc-Pak	#CF 35-66	(1-1/2" x 1-1/2")
	#CF 35-77	(2" x 2")

A.Y. McDonald

Union, Lead Flange x Copper Flare	#4742	(3/4" - 1")
Mac-Pak Compression Fittings	#4753-22	(3/4" - 2")
T Compression Fittings	#4753T	(3/4" - 2")

2. SERVICE LINE INSULATORS:

Insulators for service lines shall be Ford Service Insulators.

3. HARNESS RODS:

Mild Steel (MS) harness rods shall be ASTM A36. Hex nuts shall be ASTM A 307, Grade A or B, hexagon heavy series.

High Strength (HS) harness rods shall be ASTM A193, Grade B7. Nuts shall be ASTM A194, Grade 2H.

4. CURB STOP SERVICE BOXES:

Curb stop service boxes shall be cast iron and shall be of the type listed below:

- A. Curb stop boxes for 3/4-inch and 1-inch curb stops shall be Tyler 6500 Series, 5 foot extension, Size 94E stop box Buffalo Type complete, 2-1/2 inch shaft or D&L supply numbers M-9081 and M-9082.
- B. Curb stop boxes for 1-1/2 inch and 2-inch curb stops shall be 5 foot extension, Size I45R stop box Buffalo Type complete, 4-1/4 inch shaft.

5. TAPPING SADDLES:

Double bronze strapped tapping saddles for use with ductile iron and asbestos-cement pipe shall be of the type listed below:

Ford	#202B	(4" - 16")
Mueller	#H-I6I00 Series	(4" - 12")
APAC	#112	(2" - 12")
APAC	#113	(14" - 30")
Powerseal	Model #3407	(3/4" - 2")
A.Y. McDonald	#3825	(4" - 12")

Bronze saddles for PVC pipe shall provide full support around the circumference of the pipe and have a bearing area of sufficient width along the axis of the pipe so that the pipe will not be distorted when the saddle is tightened. Bronze saddles shall be of the type listed below, or their equivalent:

Mueller	#H-13400 Series (C900)	(4" - 12")
Mueller	#S-13000 Series (C900)	(4" - 12")
Mueller	#H-13000 Series (C900)	(4" - 12")
Ford	#S-90	(4" - 12")
Clow	#3407, 3408	(4" - 12")
A.Y. McDonald	#3800	(4" - 12")
Powerseal	Model #3401, 3403	(3/4" - 2")

*Material Specification – 24
Miscellaneous Items*