

THE METROPOLITAN GOVERNMENT OF
NASHVILLE AND DAVIDSON COUNTY

WATER DISTRIBUTION SYSTEM

APPROVED MATERIALS
CONSTRUCTION SPECIFICATIONS
&
DETAILS



1600 SECOND AVENUE NORTH
NASHVILLE, TN 37208-2298

Scott A. Potter
Metro Water Services Director

Megan Barry
Metropolitan Mayor

INTRODUCTION

The Metropolitan Government of Nashville and Davidson County, through its Department of Water Services, presents this manual listing the approved manufacturers and distributors of various materials that may be used for construction of Water Distribution System lines and appurtenances.

Standard specification information is also presented as a guideline to architects and engineers in the preparation of detailed plans and specifications. Private contractors are encouraged to use the manual as a guideline in the purchase of materials for installation in the Water Distribution System.

We encourage users to notify Tommy Dodson at (615) 862-4857 of any inaccuracies, problems of performance of materials, or any changes or modifications necessary for the proper function of MWS facilities.

Manufacturers claiming equal status with listed organizations should apply to Metro Water Services, 1600 Second Avenue North, Nashville, TN 37208 ATTN: Tommy Dodson (615) 862-4857.

Repair Fittings

NOTE: These fittings are not to be used for repairs except by Metro Water Services Personnel ONLY.

Approved Manufacturers of Ductile Iron and Steel Couplings

All ductile iron and steel couplings shall be designed for a rated working pressure of 150 psi.

Rockwell Municipal & Utility Division (Rockwell International) now Smith Blair
Ford Meter Box Company, Inc. - Style FC2A
Romac Industrial, Inc. - Style 501

Approved Manufacturers of 360 Degree Repair Clamps - 2" through 24"

Repair clamps shall be of stainless steel construction with waffle type inner gasket. Bolts and nuts shall be manufactured of high corrosion resistant alloy steel according to standards established by AWWA C111-79 as a minimum. Stainless steel bolts and nuts are approved for use with repair clamps.

Dresser Manufacturing Division (Dresser Industries, Inc.) - Style 360
Rockwell Municipal & Utility Division (Rockwell International) Now Smith Blair - Style 226
Power Seal
Vega Style 3121
Ford Meter Box Co., Inc. - Style F-1
Mueller Company
Full Seal 500 and 520
JCM Industries, Inc. - Style 101, 131
Romac Industries, Inc. - Style CL-1

Suggested ranges to fit pipe are as follows:

2"	pipe	2.38"	to	2.56"	range
2-1/2"	pipe	2.69"	to	2.87"	range
3"	pipe	3.70"	to	3.88"	range
4"	pipe	4.80"	to	5.18"	range
6"	pipe	6.84"	to	7.22"	range
8"	pipe	8.98"	to	9.36"	range
10"	pipe	11.04"	to	11.44"	range
12"	pipe	13.12"	to	13.50"	range
16"	pipe	17.62"	to	18.00"	range
18"	pipe	19.27"	to	20.10"	range
20"	pipe	21.52"	to	22.27"	range
24"	pipe	26.12"	to	26.50"	range

Approved Manufacturers of Service Line Wrap-around Repair Clamps

For use with 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", and 2" pipe

Dresser Manufacturing Division (Dresser Industrial, Inc.) - Style 118

Ford Meter Box Company, Inc. - Style FCS

Romac Industries, Inc. - Style SC

Approved Manufacturers of Service Line Repair Couplings

For use with 1/2", 5/8", 3/4", 1", 1-1/4", 1-1/2", and 2" pipe

Smith Blair - Style 522 (galvanized)

Dresser Manufacturing Division (Dresser Industries, Inc.) - Style 65-B - Long (galvanized)

JCM Industries, Inc. - Style 220 (galvanized)

Romac Industries, Inc. - Style 702

Approved Manufacturers of Service Saddles

For use with galvanized steel, cast and ductile iron pipe:

Mueller Company

The Ford Meter Box Company, Inc. - Style F202

For use with asbestos cement pipe:

Rockwell Municipal and Utility District (Rockwell International) Smith Blair

2" pipe (Saddle No. 313-0288)

3" pipe (Saddle No. 313-0413)

4" pipe (Saddle No. 313-0525)

6" pipe (Saddle No. 313-0725)

8" pipe (Saddle No. 313-0963)

For use with PVC Pipe:

Mueller Company

2" pipe (Saddle No. H-13420)

3" pipe (Saddle No. H-13425)

4" pipe (Saddle No. H-13428)

6" pipe (Saddle No. H-13431)

8" pipe (Saddle No. H-13433)

Rockwell Municipal and Utility District (Rockwell International) Smith Blair

2" pipe (Saddle No. 313-0250)

3" pipe (Saddle No. 313-0380)

4" pipe (Saddle No. 313-0450)

6" pipe (Saddle No. 313-0663)

8" pipe (Saddle No. 313-0863)

Approved Materials

Metro Water Services

1600 Second Avenue North

Nashville, Tennessee 37208

REPAIR MATERIALS

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Romac Industries, Inc. - Style 202
Ford Meter Box Co., Inc. - 2" pipe (Saddle No. S-70)