

The A.Y. McDonald Series compression system is a simple convenient method of connection for tube size service materials (See table below for approved tubing specs.)

## The simple steps listed below will make your job easier and assure fast, safe, and watertight connections:

- 1. Service tubing should always be **snaked** in the ditch.
- Use a tube cutter to assure a square end. Make sure that pipe is round. Surface should be clean and free of nicks.
- Use chamfer tool to bevel lead edge of tubing, do NOT use insert stiffener (chamfer tool available through A.Y. McDonald Mfg).
- Verify grip ring orientation as shown in diagram to ensure proper tube installation, DO NOT disassemble nut from body it inspect.
- 5. Mark tubing 2" from lead edge, (**Do not lubricate tubing**) stab tube through nut and into the socket of the valve or fitting until end of nut is even with mark. (Some fittings may or may not have a stop). Pull on tube to lock in place. Types of tubing for use with "-3H" A.Y.

6. PRESSURE TEST FOR LEAKS BEFORE BACKFILLING.

7. USE ONLY ON COLD WATER SERVICES.

Types of tubing for use with "-3H" A.Y. McDonald Fittings (Outside Diameters listed)

NOMINAL SIZE	ASTM D2239 SDR 7 Tube Size
3/4"	1.045/1.110
1"	1.329/1.399

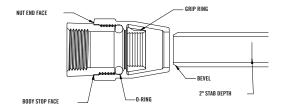
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### PEP Handy-Loc ("-3H")

Installation Instructions



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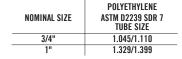
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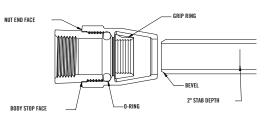
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NOMINAL SIZE	POLYETHYLENE ASTM D2239 SDR 7 Tube Size
3/4"	1.045/1.110
1"	1 329/1 399

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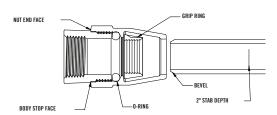
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NOMINAL SIZE	POLYETHYLENE Astm D2239 SDR 7 Tube Size
3/4"	1.045/1.110
1"	1.329/1.399

A.Y. McDonald waterworks products are designed for reliable service. Like all brass products, however, they can be damaged by improper handling and use.

#### **CAUTIONS**

- 1. Protect threads. Avoid loose fitting wrenches. Do not drop or impact.
- Use extra care with high water pressures (over 100 PSIG). Consult factory if desired.
- 3. Inspect and test all joints, valves and fittings before backfilling.
- 4. Backfill carefully so as to avoid damage to the service line and connections. Looping of the service lines is recommended to minimize strain.
- DO NOT use Vaseline®, plumber's grease, or any other petroleum based product on seals or o-rings.

# DAMAGE CAUSED BY IMPROPER USE AND/OR HANDLING WILL VOID OUR WARRANTY.

Looping of the service lines is recommended to minimize strain.

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**CAUTIONS** 

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