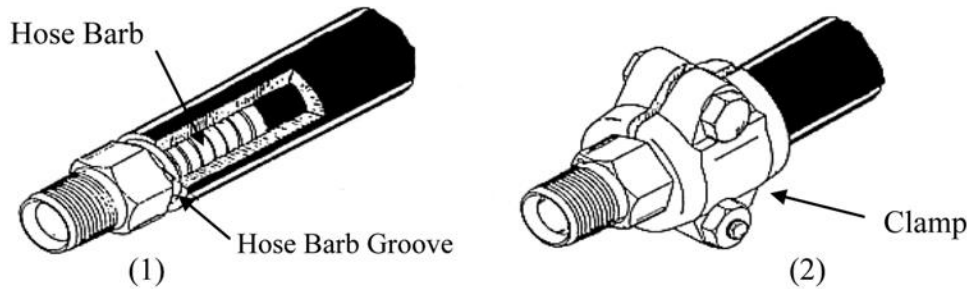




INSTALLATION INSTRUCTIONS

ME3162 Series Clamp Hose Couplings

WARNING: Failure to comply with the following instructions may result in serious personal injury. Install, use, and maintain product per Marshall Excelsior Company instructions and all applicable federal, state, and local laws and codes, and the NFPA 58 Liquefied Petroleum Gas Code. A certified professional must install product.



1. Use a hose made specifically for the given application. For proper fit the hose being used must have dimensions and tolerances specified by the Rubber Manufacturers Association i.e., 350 psig for LP-Gas or NH₃ hose.
2. Cut hose end square to hose length.
3. Lubricate each hose barb and the internal hose with an appropriate hose lubricant.
4. Screw the hose barb up to the hose barb groove. See drawing (1).
5. Place the two hose clamp ends with the retaining collar into the hose barb groove. For proper installation the clamps must completely fit into the hose barb groove. Insert bolts so heads seat between the stops. Install nuts and tighten securely. See drawing (2). The inside hose diameter is oversized or outside hose diameter is undersized, if the hose clamps touch. (See reverse side for torque specifications)
6. Test hose assembly with system pressure to ensure leak tight connections at fittings
7. Recheck bolts, three (3) days after initial assembly, to ensure bolts are still securely tightened.

TORQUE VALUE CHART

Note: All bolts must be properly tightened to recommended torque values:

Hose I.D.	Part Number	Torque Setting in Foot Pounds *
1/2"	ME3162-8	20#
3/4"	ME3162-12	26#
3/4"	ME3162-12S	26#
1"	ME3162-16	26#
1"	ME3162-16S	26#
1"	ME3162-1612	26#
1-1/4"	ME3162-20	35#
1-1/4"	ME3162-2016	35#
1-1/4"	ME3162-2018S	35#
1-1/4"	ME3162-2020S	35#
1-1/2"	ME3162-24	40#
2"	ME3162-32	47#
2"	ME3162-32S	47#
2"	ME3162-32B	47#

* These torque values are recommended based on best installation practices. Adjustments may be required to ensure proper torque on the connections due to variations in the hose manufacturer's specifications; such as hose material, hose I.D., Hose O.D., liner, durometer and jacket type.



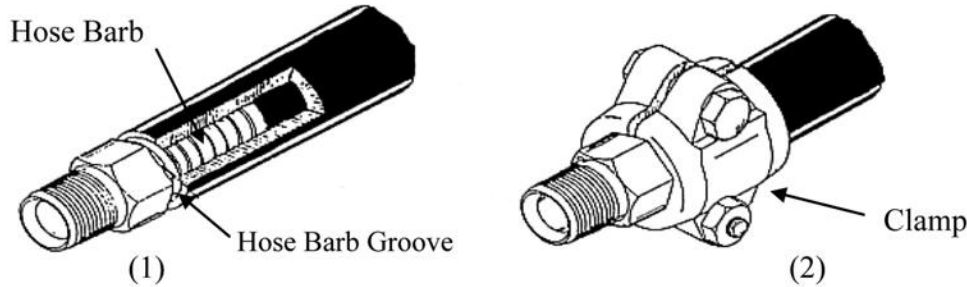
WARNING: These products contain a chemical known to the state of California to cause cancer and birth defects or reproductive harm



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