



Custom Connectors

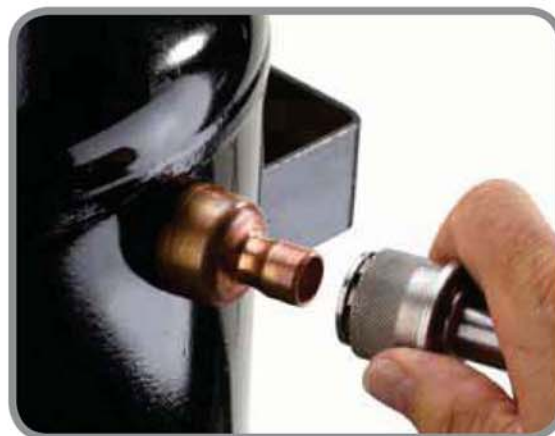
FasTest “MBE and MRE Series” Connectors for Expanded Tubes

Technology Overview

The **MBE Series** (Ball Grip) and **MRE Series** (Ring Grip) connectors make reliable, leak tight connections for vacuum or pressure applications up to 625 psi. Designed for high flow applications such as run testing. Also ideal for helium leak testing, proof testing, pressure decay and other related processes. The sliding sleeve locks when pressurized to make safe secure instant connections with no operator adjustment.

To Connect: Insert the tube into the connector and push the external sleeve until it clicks into the locked position.

To Disconnect: Relieve pressure, push the connector toward the tube to release the safety lock and retract the external sleeve to withdraw the connector.



Features and Benefits



- High flow non-valved with pressure activated safety lock
- Unique design grips until pressure is dissipated, no operator adjustments for added safety
- Mating seal is easily replaced without disassembly cutting maintenance costs
- Ideal for high flow testing
- -40°F to +250°F operating temperature

“MBE and MRE Series” - Sleeve Actuated for Expanded Tubes - Sizing Guidelines

Body Size	Tube Ø	Expanded Tube Ø	Expansion Length	Flow Ø	Termination (male)	Rated PSI	Housing Material	Seal Material	Main Seals Package (5)
03	3/16"	0.254"	0.200"	0.128"	1/4" NPT	Vacuum to 625	Stainless Steel	Neoprene	Consult Factory
04	1/4"	0.316"	0.270"	0.190"					
05	5/16"	0.382"	0.350"	0.248"	3/8" NPT				
06	3/8"	0.444"	0.450"	0.311"					
08	1/2"	0.570"	0.530"	0.436"	1/2" NPT				
10	5/8"	0.700"	0.680"	0.555"	3/4" NPT				
12	3/4"	0.840"	0.790"	0.666"					
14	7/8"	0.970"	0.830"	0.785"	1" NPT				
18	1-1/8"	1.230"	1.130"	1.025"	1-1/4" NPT				
22	1-3/8"	1.490"	1.400"	1.265"					

How to Order

The MBE and MRE Series connectors are designed for mechanical gripping on expanded tubing. Connectors are designed, engineered and manufactured to your specific application requirements.

For part number and a price quotation:

- 1) Identify the gripping and sealing areas of your test piece.
- 2) Contact FasTest with information on test pressure, media and provide detailed drawing, including tolerances of test piece.
- 3) Two sample parts will be required at the time of order for final design and testing purposes.