

Style 7250 FLEXO-MATIC™

The 7250 FLEXO-MATIC™ is designed to absorb noise and vibration in air-conditioning, heating, and industrial piping systems.

BENEFITS

- » Eliminating noise at its source, Garlock FLEXO-MATIC™ rubber connectors are designed to absorb equipment noise before it is transmitted through piping systems.
- » Because high-frequency vibrations are virtually eliminated, the FLEXO-MATIC™ helps extend equipment life.
- » Expansion, contraction, and misalignment are all compensated for with FLEXO-MATIC™ connectors.
- » The FLEXO-MATIC™ absorbs water hammer (vibration of the fluid media itself) as well as compensates for expansion, contraction, and misalignment.
- » No risk of electrolytic corrosion since there is no metal-to-metal contact between the connectors and metal piping.

STANDARD DESIGN

- » **Tube**
 - › A protective, leakproof lining made of a synthetic rubber which may vary depending on the service.
- » **Body**
 - › Fabric Reinforcement—Polyester, or other suitable fabrics impregnated with an elastomer are wrapped and plied to provide the flexibility and support required between the tube and cover.
 - › Metal Reinforcement—Helical-wound steel reinforcement wire is firmly embedded in the body to provide resistance to both vacuum and pressure.
- » **Cover**
 - › A homogeneous layer of synthetic rubber to protect the body from corrosive attack or mechanical damage, the rugged cover withstands aging and weathering for a long, trouble-free life.
- » **Flanges**
 - › Seamless flange face eliminates need for gaskets
 - › Standard flange (ASME B16.5/B16.47 Class 125/150 Series A)
 - › Also available in;
 - ASME B16.5/B16.47 Class 250/300 Series A
 - EN 1092-1 PN10
 - EN 1092-1 PN16
 - › Contact Garlock for all others

TEMPERATURE - UP TO 400°F (205°C)

- » Max temperature is based on the lowest temperature of the material selected.



STANDARD SIZES

PIPE I.D.		RECOMMENDED LENGTH	
inch	mm	inch	mm
0 - 2.5	0 - 65	12	305
3 - 4	75 - 100	18	457
5 - 24	125 - 600	24	610

PRESSURE & VACUUM RATING

PIPE I.D.		PRESSURE		VACUUM	
inch	mm	psi	bar	in. Hg	mm Hg
2 - 16	50 - 400	150	10.3	29.9	750
18 - 24	450 - 600	100	6.9	29.9	750

MATERIALS OF CONSTRUCTION

See pages 3 - 5 for tube and cover material options.

OPTIONAL CONFIGURATIONS



Angular Offset



Lateral Offset



Unique Drill Patterns per flange