



"COLD-FLEX"  
MATERIALS



HIGH-TEMP  
MATERIALS



STATIC  
DISSIPATIVE



WATER

# FLEXAIR™



## Thermo-Duct™ TMOD Series

### Thermoplastic Rubber Ducting/ Material Handling Hose

#### General Applications:

- Chemical vapor exhausting†
- Ducting, ventilation & fume removal
- Dust control
- High temperature air handling

**Construction:** Thermoplastic rubber (TPR) hose with steel wire helix.

**Service Temperature:** -60°F (-51°C) to 275°F (135°C);  
intermittent service to 300°F (149°C)\*

#### Features and Advantages:

- **Thermoplastic Rubber (TPR) Material** – Combines the chemical resistant properties of PVC with the flexibility of rubber to handle a wide variety of ducting or light material handling applications, especially ones when high cycle strength is required.
- **Chemical Resistant** – Excellent resistance to a wide variety of industrial chemicals.†
- **Steel Wire Helix** – Highly durable steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ✓
- **"Cold-Flex" Material** – Hose remains flexible in sub-zero temperatures.

### Nominal Specifications

Series	ID (in.)	ID (mm)	Min. Bend Radius (in.) @ 68° F	Max. W.P. (PSI) @ 68° F	Vacuum Rating (in Hg) @ 68° F	Length/Ctn. (ft.)	Weight (lbs./ft.)
TMOD200	2	50.8	1	17	24	25	0.22
TMOD250	2 1/2	63.5	1.3	15	24	25	0.40
TMOD300	3	76.2	1.5	14	24	25	0.55
TMOD400	4	101.6	2	11	24	25	0.75
TMOD500	5	127.0	2.5	10	15	25	0.85
TMOD600	6	152.4	3	9	9	25	0.94
TMOD800	8	203.2	4	8	8	25	1.62
TMOD1000	10	254.0	5	7	6	25	1.86
TMOD1200	12	304.8	6	6	4	25	2.05
TMOD1400	14	355.6	7	5	3	25	2.35

**NOTE:** Service life may vary depending on operating conditions and type of material being conveyed.

**NOTE:** For details of the following compliances, refer to footnotes listed on page 26.

\*Actual service temperature range is application dependent.

✓ **CAUTION:** This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

† **CAUTION:** Before using any hose, the user is responsible for determining it's suitability for the intended application. Therefore, the user assumes all risk and responsibility for determining the suitability of any hose for handling any chemical or chemicals.

**RoHS**(06)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

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