

POLYAMIDE PA12

TRM



INDUSTRIAL
AUTOMATION



TRANSPORTATION



AIR



COLD AND HOT
WATER



High-quality polyamide tubes offer reliable performance for multiple fluids at both high and low temperatures.

- Good flexibility even at low temperatures
- High resistance to high and low temperatures
- High chemical resistance
- High tensile strength

MAIN TECHNICAL FEATURES

| | |
|-----------------------------------|----------------------------------------------|
| Operating Temperature with air °C | -40 to +80 |
| Intermittent Temperature to °C | 110 |
| Operating pressure at 20°C (bar) | 14 - 44 |
| Min. bend radius inch | 1/4 - 9" |
| Specific weight kgs | 0.18 - 17.53 |
| Sold in m | 30 & 100 |
| Standard Size inch | 1/8; 3/16; 1/4; 5/16; 3/8; 1/2; 5/8; 3/4 ; 1 |
| Standards | REACH, RoHS DIN 73378 DIN 74324 |

30m

100m

| 30 m | | | | | | | | | |
|--------------|----------------|---------------|--------------------|--------------------|------------------------------|------------------------|--|---------------------------|--|
| NATURAL | BLACK | BLUE | External Ø Inch | Internal Ø Inch | Operating pressure bar | Bend radius inch | | Specific weight kgs | |
| TRM 1/8 Nat | - | - | 1/8 | 0.62 | 44 | 1/4 | | 0.18 | |
| TRM 3/16 Nat | TRM 3/16 BLACK | TRM 3/16 BLUE | 3/16 | 0.117 | 33 | 1/2 | | 0.33 | |
| TRM 1/4 Nat | TRM 1/4 BLACK | TRM 1/4 BLUE | 1/4 | 0.170 | 28 | 1/2 | | 0.52 | |
| TRM 5/16 Nat | TRM 5/16 BLACK | TRM 5/16 BLUE | 5/16 | 0.212 | 28 | 7/8 | | 0.82 | |
| TRM 3/8 Nat | TRM 3/8 BLACK | TRM 3/8 BLUE | 3/8 | 0.250 | 29 | 1.1/4 | | 1.21 | |
| TRM 1/2 Nat | TRM 1/2 BLACK | TRM 1/2 BLUE | 1/2 | 0.375 | 21 | 1.1/2 | | 1.70 | |
| TRM 5/8 Nat | - | - | 5/8 | 0.5 | 16 | 2.1/2 | | 2.18 | |
| TRM 3/4 Nat | - | - | 3/4 | 0.594 | 16 | 4 | | 3.25 | |
| TRM 1" Nat | - | - | 1" | 0.813 | 14 | 9 | | 5.26 | |

| 100 m | | | | | | | | | |
|-------------------|---------------------|--------------------|------------------|------------------|------------------------------|----------------------|--|---------------------------|--|
| NATURAL | BLACK | BLUE | External Ø mm | Internal Ø mm | Operating pressure bar | Bend radius mm | | Specific weight kgs | |
| TRM 1/8 Nat 100m | - | - | 1/8 | 0.62 | 44 | 1/4 | | 0.61 | |
| TRM 3/16 Nat 100m | TRM 3/16 BLACK 100m | TRM 3/16 BLUE 100m | 3/16 | 0.117 | 33 | 1/2 | | 1.11 | |
| TRM 1/4 Nat 100m | TRM 1/4 BLACK 100m | TRM 1/4 BLUE 100m | 1/4 | 0.170 | 28 | 1/2 | | 1.74 | |
| TRM 5/16 Nat 100m | TRM 5/16 BLACK 100m | TRM 5/16 BLUE 100m | 5/16 | 0.212 | 28 | 7/8 | | 2.73 | |
| TRM 3/8 Nat 100m | TRM 3/8 BLACK 100m | TRM 3/8 BLUE 100m | 3/8 | 0.250 | 29 | 1.1/4 | | 4.03 | |
| TRM 1/2 Nat 100m | TRM 1/2 BLACK 100m | TRM 1/2 BLUE 100m | 1/2 | 0.375 | 21 | 1.1/2 | | 5.65 | |
| TRM 5/8 Na 100mt | - | - | 5/8 | 0.5 | 16 | 2.1/2 | | 7.27 | |
| TRM 3/4 Nat 100m | - | - | 3/4 | 0.594 | 16 | 4 | | 10.74 | |
| TRM 1" Nat 100m | - | - | 1" | 0.813 | 14 | 9 | | 17.53 | |

RECOMMENDED FITTINGS



SERIES 6000



SERIES 7000-AUTOMATION



SERIES 7000-COOLING



SERIES 8000, H8000



SERIES 9000



SERIES 1000



SERIES 1000 UNIVERSAL