

Nylon tubing

PA12、PA6 Series



Product feature

1. PA12、PA6 Nylon tubing has excellence capability to be used high temperature conditions widely.
2. Many kinds of colors to be chosen.
3. Steady size, Little osmotic rate.
4. Be used widely for it's aging resistant, good anti-oil, and high temperature resistant capability.

Specification

| Type [Note1] | Tubing OD (mm) | Tubing ID (mm) | Wall Thickness (mm) | Package Length(m) | Working Pressure at 23°C(MPa) [Note2] | Burst pressure at 23°C(MPa) | Bend radius (mm) | Weight per 100M(kg) | Temperature (°C) |
|--------------|----------------|----------------|---------------------|-------------------|---------------------------------------|-----------------------------|------------------|---------------------|------------------|
| PA6040025□□ | 4.0 | 2.5 | 0.75 | 200 | 3.5 | 11.0 | 30 | 0.90 | -10~70 |
| PA6060040□□ | 6.0 | 4.0 | 1.00 | 100 | 3.0 | 10.0 | 45 | 1.80 | |
| PA6080060□□ | 8.0 | 6.0 | 1.00 | 100 | 2.0 | 7.0 | 65 | 2.50 | |
| PA6100075□□ | 10.0 | 7.5 | 1.25 | 100 | 2.0 | 7.0 | 75 | 3.90 | |
| PA6120090□□ | 12.0 | 9.0 | 1.50 | 100 | 2.0 | 7.0 | 100 | 5.70 | |
| PA12040025□□ | 4.0 | 2.5 | 0.75 | 200 | 2.5 | 7.5 | 25 | 0.80 | -40~70 |
| PA12060040□□ | 6.0 | 4.0 | 1.00 | 100 | 2.0 | 7.0 | 35 | 1.60 | |
| PA12080060□□ | 8.0 | 6.0 | 1.00 | 100 | 1.5 | 5.0 | 55 | 2.30 | |
| PA12100075□□ | 10.0 | 7.5 | 1.25 | 100 | 1.5 | 5.0 | 75 | 3.50 | |
| PA12120090□□ | 12.0 | 9.0 | 1.50 | 100 | 1.5 | 5.0 | 75 | 5.10 | |

[Note1] The first square of "□□" in the type column is for ordering code "unit" and the second is for "color".

[Note2] Working pressure:3 to 1 safety factor.

Relationship of operation pressure and temperature

| Temperature | PA6 the percentage of work pressure reached at different temperatures | | | | | PA12 the percentage of work pressure reached at different temperatures | | | | |
|-------------|---|------|------|------|-------|--|------|------|------|------|
| | 20°C | 40°C | 60°C | 80°C | 100°C | 20°C | 30°C | 50°C | 60°C | 80°C |
| Percentage | 100% | 74% | 57% | 47% | 40% | 100% | 83% | 75% | 64% | 47% |

Ordering code

PA12 060 040 100M BU

① ② ③ ④ ⑤

| ① Model | ② Tubing OD | ③ Tubing ID | ④ Material length | ⑤ Standard color |
|----------------------------------|--|--|---|---|
| PA6 : Nylon 6 PA12 : Nylon 12 | 040 : Φ4.0mm 060 : Φ6.0mm 080 : Φ8.0mm 100 : Φ10.0mm 120 : Φ12.0mm | 025 : Φ2.5mm 040 : Φ4.0mm 060 : Φ6.0mm 075 : Φ7.5mm 090 : Φ9.0mm | 200M : 200 m/coil(4X2.5) 100M : 100 m/coil(Others) | BU : Blue BK : Black GE : Orange N : True color WH : White GN : Green R : Red Y : Yellow |

