



Polyamide PA12-HL tubes ●

Temperature range

-60 °C to +100 °C

Polyamide tubes with rigid design are especially suitable for requirements with increased pressures. They have a large temperature range and are preferred for compressed air brakes, pneumatic systems, hydraulic systems and fuel lines in accordance with DIN 73378. The material can be recycled in accordance with the EU Directives.

Can be delivered on request

PA hoses are delivered in rolls of 50 m or 100 m fixed lengths or on drums.

Delivery and minimum order quantity on request.

Pressure utilisation degree (reference values) in %

| | | | | | | | | | |
|----------------------|------------------|--------|--------|--------|--------|--------|--------|--------|---------|
| Pressure utilisation | 100% | 81.00% | 61.00% | 50.00% | 44.00% | 39.00% | 34.00% | 31.00% | 28.00% |
| Temperature | -60 °C to +23 °C | +30 °C | +40 °C | +50 °C | +60 °C | +70 °C | +80 °C | +90 °C | +100 °C |

Example: PA-HL tube 8/6 - permissible Op. pressure at 50 °C (38 bar x 50%) = 19 bar permissible.

Colour (abbreviation)

We deliver PA hoses in:

natural colours (nf)
 blue (bl)
 red (rt)
 black (sw)
 green (gn)
 yellow (ge)
 grey (gr)

Nominal dimensions

AD = outer diameter
 ID = inner diameter
 (Production dimension)
 Wall thickness

Dimensions / tolerances

AD 2.50 mm to AD 8.00 mm
 +/- 0.07 mm

AD 9.00 mm to AD 13.00 mm
 +/- 0.10 mm

AD 14.00 mm to AD 22.00 mm
 +/- 0.15 mm

Wall thickness

Up to 1.00 mm +/- 0.10 mm
 Up to 1.25 mm +/- 0.13 mm
 Up to 1.50 mm +/- 0.15 mm
 Up to 2.00 mm +/- 0.20 mm