



## Polyamide PA12-PHL tubes

### Temperature range

- 60 °C to +100 °C

**Polyamide tubes** are flexible and can be easily laid. 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 or in black DIN 74324. We recommend using the black model above 80 °C. The material can be recycled in accordance with the EU Directives.

### Can be delivered ex warehouse

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

\* Delivery and minimum order quantity on request.

Other nominal dimensions and

### Pressure utilisation degree (reference values) in %

Pressure utilisation	100%	87%	74%	64%	57%	52%	47%	44%	36%
Temperature	- 60 °C to +23 °C	+30 °C	+40 °C	+50 °C	+60 °C	+70 °C	+80 °C	+90 °C	+100 °C

**Example:** PA tube 8/6 - permissible Op. pressure at 50 °C (19 bar x 64%) = 12 bar permissible.

colours can be provided on request.

### 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 thick-

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