

Polyamide Hoses PA (hard)

Dimensions and tolerances to DIN 73378.



Ordering details e.g.: Product No. 869 804 01 Polyamide Hose Outer Ø 4 mm, Inner-Ø 2.5 mm, Length (Max. Length 100 m)

Product No.	Product No.	Product No.	Ø Outer mm	Ø Inner mm	Weight per m g
Natural	Blue	Black			
869 804 01	869 804 02	869 804 03	4	2,5	10
869 806 01	869 806 02	869 806 03	6	4	20
869 808 01	869 808 02	869 808 03	8	6	30
869 810 01	869 810 02	869 810 03	10	7,5	50
869 812 01	869 812 02	869 812 03	12	9	70

Polyurethane Hoses PU

Dimensions and tolerances to DIN 73378.



Ordering details e.g.: Product No. 869 904 01, Polyurethane Hose, Outer Ø 4 mm, Inner Ø 2.5 mm, Length (Max. Length 100 m)

Product No.	Product No.	Product No.	Ø Outer mm	Ø Inner mm	Weight per m g
Natural	Blue	Black			
869 904 01	869 904 02	869 904 03	4	2,5	13
869 906 01	869 906 02	869 906 03	6	4	25
869 908 01	869 908 02	869 908 03	8	5,5	40
869 910 01	869 910 02	869 910 03	10	7	50
869 912 01	869 912 02	869 912 03	12	8	100

Note

Max. Operating Pressure

Tube Outer-Ø		4 mm	6 mm	8 mm	10 mm	12 mm	14 mm
Max. Pressure*	Polyamide Tube	28 bar	25 bar	19 bar	24 bar	18 bar	15 bar
	Polyurethane Hose	10 bar	9 bar	9 bar	9 bar	9 bar	-
Min. Bend Radius	Polyamide Tube	25 mm	30 mm	50 mm	60 mm	75 mm	80 mm
Min. Bend Radius	Polyurethane Hose	6 mm	9 mm	16 mm	17 mm	25 mm	-

* Permissible Operating Pressure = Max. Operating Pressure x Factor.

Conversion factor: Temp. / Operating Pressure

Operating Pressure	Factor
+ 30 °C	0.83
+ 40 °C	0.72
+ 50 °C	0.64
+ 60 °C	0.57
+ 70 °C	0.47

Maximum permanent operating temperature:
PA +80°C. PU +60°C.