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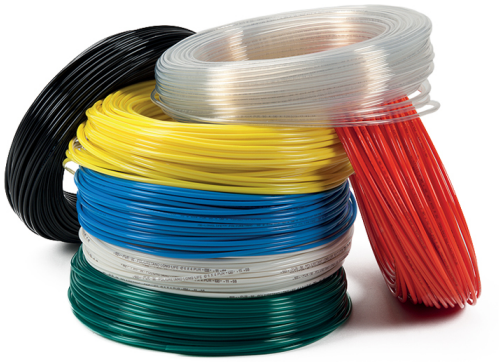
POLYURETHANE 98 MB-LONGLIFE®



Flexible linear hose in PU 98 ShA. Highly appreciated for its flexibility, narrow bending radius, and resistance to kinking and abrasion.

FEATURES

Flexible **ester based polyurethane** tube (hardness 52 Shore D). Top product of the **MB-LONGLIFE®** series suitable for almost all **industrial standard low pressure pneumatic applications**. It shows excellent **flexibility, dimensional stability, very narrow bending radius and good resistance to kinking, abrasion and high-speed handling.**

SECTORS

INDUSTRIAL

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

MACHINE TOOLS

ROBOTICS

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Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
PU2X4	2 mm	4 mm	1 mm	10 mm	22 BAR	N A S R G T
PU2.3X4	2.3 mm	4 mm	0.85 mm	15 mm	17 BAR	N A T
PU2.5X4	2.5 mm	4 mm	0.75 mm	15 mm	15 BAR	N BT VT A S R G T
PU3X5	3 mm	5 mm	1 mm	20 mm	16 BAR	N A T
PU4X6	4 mm	6 mm	1 mm	25 mm	13 BAR	N BT VT A S BL R AR G T
PU5X8	5 mm	8 mm	1.5 mm	30 mm	15 BAR	N A R G T
PU5.5X8	5.5 mm	8 mm	1.25 mm	40 mm	12 BAR	N BT VT A BL R G T
PU6X8	5.7 mm	8 mm	1.15 mm	40 mm	11 BAR	N BT VT A S R G T
PU6.5X10	6.5 mm	10 mm	1.75 mm	40 mm	14 BAR	N A T
PU7X10	7 mm	10 mm	1.5 mm	50 mm	11 BAR	N A R G T
PU7.5X10	7.5 mm	10 mm	1.25 mm	60 mm	9 BAR	N BT VT A S R G T
PU8X10	7.7 mm	10 mm	1.15 mm	65 mm	8 BAR	N BT A S R G T
PU8X12	8 mm	12 mm	2 mm	50 mm	13 BAR	N BT A S R T
PU9X12	9 mm	12 mm	1.5 mm	70 mm	9 BAR	N BT VT A S R G T
PU10X14	10 mm	14 mm	2 mm	70 mm	11 BAR	N A T
PU11X14	11 mm	14 mm	1.5 mm	100 mm	8 BAR	N A R T
PU11X16	11 mm	16 mm	2.5 mm	75 mm	12 BAR	N A T
PU12X16	12 mm	16 mm	2 mm	95 mm	9 BAR	N A R T

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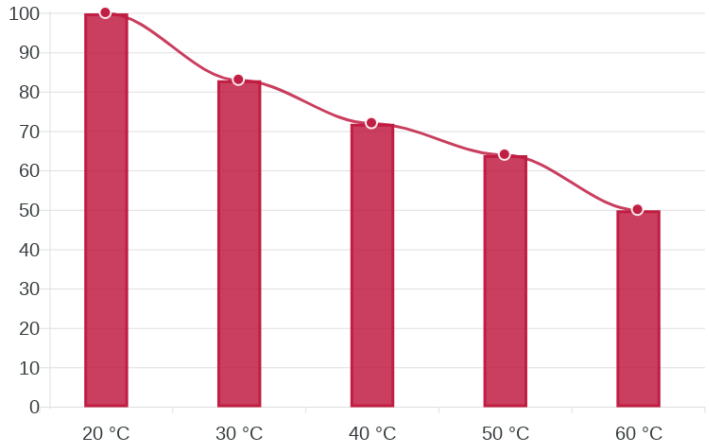
PRESSIONE/TEMPERATURA

Operating temperature: **from -40°C to 60°C**

Safety factor on working pressure: **3:1**

Here on the side: **Graph of pressure drop expressed as a % in relation to temperature**