

PA 12 HL RIGID LINEAR HOSE HIGH RESISTANCE

Rigid linear tube in PA 12 HL for medium pressures. Ideal for lubrication and spraying.

FEATURES

Semi-rigid linear **polyamide 12 PHL** tube not plasticized and stabilized in light and heat. The chemical structure and mechanical properties make it a product widely used in the **industrial and automotive sectors**, where the operating pressures are higher than the standard pressures for compressed air. **Chemical resistance, atmospheric agents and high and low temperatures** make it the best solution for **lubrication and spraying**. The tubes in this series are also produced with raw material to meet the requirements of DIN 73378/74324 regulations.

SECTORS

INDUSTRIAL

AUTOMOTIVE

NORMS AND DECLARATIONS

DIN 73378

DIN 74324

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

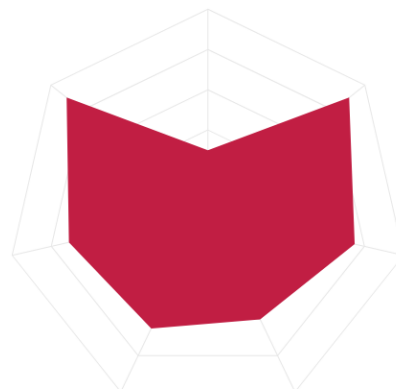
LUBRICATION

NEBULIZATION

MACHINE TOOLS

CHEMICAL RESISTANCE

HYDROLYSIS RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
12R0-0.5X1.1	0.5 mm	1.1 mm	0.3 mm	5 mm	105 BAR	(T)
12R0-0.6X1.15	0.6 mm	1.15 mm	0.275 mm	5 mm	88 BAR	(T)
12R0-1.1X1.9	1.1 mm	1.9 mm	0.4 mm	10 mm	74 BAR	(T)
12R0-2.3X4	2.3 mm	4 mm	0.85 mm	20 mm	75 BAR	(R) (T)
12R0-2.5X4	2.5 mm	4 mm	0.75 mm	20 mm	64 BAR	(N) (T)
12R0-3X6	3 mm	6 mm	1.5 mm	20 mm	93 BAR	(N) (R) (T)
12R0-3.6X6.35	3.6 mm	6.35 mm	1.375 mm	30 mm	77 BAR	(N) (BL) (T)
12R0-4X6	4 mm	6 mm	1 mm	35 mm	56 BAR	(N) (T)
12R0-5X8	5 mm	8 mm	1.5 mm	40 mm	64 BAR	(N) (T)
12R0-5X9.52	5 mm	9.52 mm	2.26 mm	35 mm	87 BAR	(N) (S)
12R0-6X8	6 mm	8 mm	1 mm	65 mm	40 BAR	(N) (T)
12R0-6X10	6 mm	10 mm	2 mm	45 mm	70 BAR	(N)
12R0-7X12.7	7 mm	12.7 mm	2.85 mm	50 mm	81 BAR	(N)
12R0-8X10	8 mm	10 mm	1 mm	100 mm	31 BAR	(N) (T)
12R0-10X12	10 mm	12 mm	1 mm	150 mm	25 BAR	(T)

PRESSURE/TEMPERATURE

Operating temperature: from -40°C to 80°C

Safety factor on working pressure: 3:1

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

