

RILSAN® PA 11 PHL

Linear flexible tubing in Rilsan® PA 11 PHL of vegetal origin for industrial and automotive applications.

FEATURES

Rilsan tubes® PA 11 flexible linear PHL of plant origin are the preferred solution of those looking for the best among polyamides, with an eye to nature. The **excellent mechanical and chemical properties** and the **resistance to cold impacts** allow its use in numerous **industrial and automotive** applications. The tubes in this series are produced with **bio-polyamide 11** produced from renewable sources, derived from the flexible, **plasticized lead oil**, stabilized in light and heat. The raw material is designed to meet DIN 73378/74324 regulations.

SECTORS

INDUSTRIAL

AUTOMOTIVE

NORMS AND DECLARATIONS

DIN 73378

DIN 74324

ISO 7628:2010

APPLICATIONS

INDUSTRIAL AUTOMATION

VACUUM

MACHINE TOOLS

ROBOTICS

CHEMICAL RESISTANCE

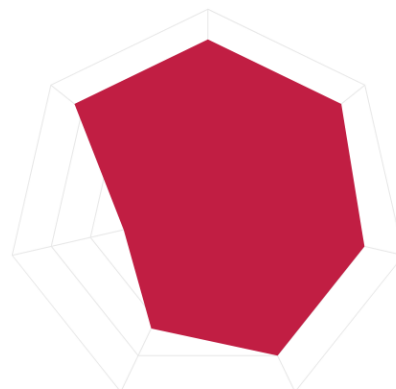
DISINFESTATION

PETROLEUM DERIVATIVES TRANSFER

CLUTCH SYSTEMS

AIR BRAKE SYSTEMS

HYDROLYSIS RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TR1X2	1 mm	2 mm	0.5 mm	10 mm	44 BAR	N T
TR1X4	1 mm	4 mm	1.5 mm	10 mm	80 BAR	T
TR1.5X2.5	1.5 mm	2.5 mm	0.5 mm	10 mm	33 BAR	N T
TR1.5X3	1.5 mm	3 mm	0.75 mm	10 mm	44 BAR	N T
TR1.6X3.17	1.6 mm	3.17 mm	0.785 mm	10 mm	43 BAR	N T
TR2X3	2 mm	3 mm	0.5 mm	15 mm	26 BAR	N T
TR2X4	2 mm	4 mm	1 mm	15 mm	44 BAR	N A T
TR2.3X4	2.3 mm	4 mm	0.85 mm	15 mm	35 BAR	T
TR2.5X3	2.5 mm	3 mm	0.25 mm	30 mm	12 BAR	T
TR2.5X4	2.5 mm	4 mm	0.75 mm	15 mm	30 BAR	N BS A T
TR2.7X4	2.7 mm	4 mm	0.65 mm	20 mm	25 BAR	N BS A R T
TR3X4	3 mm	4 mm	0.5 mm	25 mm	19 BAR	N T
TR3X5	3 mm	5 mm	1 mm	20 mm	33 BAR	N T
TR3X6	3 mm	6 mm	1.5 mm	20 mm	44 BAR	N T
TR3.5X5	3.5 mm	5 mm	0.75 mm	25 mm	23 BAR	N T
TR3.5X6	3.5 mm	6 mm	1.25 mm	20 mm	35 BAR	N T
TR4X5	4 mm	5 mm	0.5 mm	40 mm	14 BAR	T
TR4X6	4 mm	6 mm	1 mm	30 mm	26 BAR	N BS A R AR G T V

Part number	Inner diameter(iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TR4X8	4 mm	8 mm	2 mm	25 mm	44 BAR	N T
TR4.35X6.35	4.35 mm	6.35 mm	1 mm	30 mm	24 BAR	N T
TR4.5X6	4.5 mm	6 mm	0.75 mm	40 mm	19 BAR	N T
TR5X7	5 mm	7 mm	1 mm	40 mm	22 BAR	N T
TR5X8	5 mm	8 mm	1.5 mm	30 mm	30 BAR	N T
TR6X8	6 mm	8 mm	1 mm	50 mm	19 BAR	N BS A R G T V
TR6X10	6 mm	10 mm	2 mm	35 mm	33 BAR	N T
TR6.5X10	6.5 mm	10 mm	1.75 mm	40 mm	28 BAR	N T
TR7X9	7 mm	9 mm	1 mm	65 mm	16 BAR	N T
TR7X9.52	7 mm	9.52 mm	1.26 mm	55 mm	20 BAR	N T
TR7X10	7 mm	10 mm	1.5 mm	50 mm	23 BAR	N T
TR7.5X10	7.5 mm	10 mm	1.25 mm	60 mm	19 BAR	N T
TR8X10	8 mm	10 mm	1 mm	80 mm	14 BAR	N BS A R T
TR8X12	8 mm	12 mm	2 mm	55 mm	26 BAR	N T
TR9X12	9 mm	12 mm	1.5 mm	75 mm	19 BAR	N A T
TR9.52X12.7	9.52 mm	12.7 mm	1.59 mm	75 mm	19 BAR	N T
TR10X12	10 mm	12 mm	1 mm	115 mm	12 BAR	N BS A T
TR10X14	10 mm	14 mm	2 mm	75 mm	22 BAR	N BS T
TR11X14	11 mm	14 mm	1.5 mm	100 mm	16 BAR	N T
TR11X15	11 mm	15 mm	2 mm	85 mm	20 BAR	N T

Part number	Inner diameter(iØ)	Outer diameter(oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TR12X14	12 mm	14 mm	1 mm	155 mm	10 BAR	N BS A T
TR12X15	12 mm	15 mm	1.5 mm	115 mm	14 BAR	N T
TR12X16	12 mm	16 mm	2 mm	95 mm	19 BAR	N T
TR12.5X15	12.5 mm	15 mm	1.25 mm	140 mm	12 BAR	N A T
TR13X15	13 mm	15 mm	1 mm	180 mm	9 BAR	N T
TR13X16	13 mm	16 mm	1.5 mm	130 mm	13 BAR	N T
TR14X16	14 mm	16 mm	1 mm	205 mm	8 BAR	N A T
TR14X18	14 mm	18 mm	2 mm	125 mm	16 BAR	N T
TR15X18	15 mm	18 mm	1.5 mm	170 mm	12 BAR	N BS T
TR16X18	16 mm	18 mm	1 mm	260 mm	7 BAR	N T
TR16X20	16 mm	20 mm	2 mm	155 mm	14 BAR	N T
TR18X20	18 mm	20 mm	1 mm	320 mm	7 BAR	T
TR18X22	18 mm	22 mm	2 mm	185 mm	13 BAR	N BS T
TR19X22	19 mm	22 mm	1.5 mm	255 mm	9 BAR	N T
TR19X25	19 mm	25 mm	3 mm	155 mm	18 BAR	N T
TR20X24	20 mm	24 mm	2 mm	225 mm	12 BAR	T
TR22X25	22 mm	25 mm	1.5 mm	330 mm	8 BAR	T
TR24X28	24 mm	28 mm	2 mm	310 mm	10 BAR	T
TR25X30	25 mm	30 mm	2.5 mm	280 mm	12 BAR	T
TR34X40	34 mm	40 mm	3 mm	415 mm	10 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

