Mebra Plastik Italia s.p.a.
via Tibet 23/25 Busto Arsizio (VA) 21052
Tel: 0331 344005
E-mail: mebra@mebra.it

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

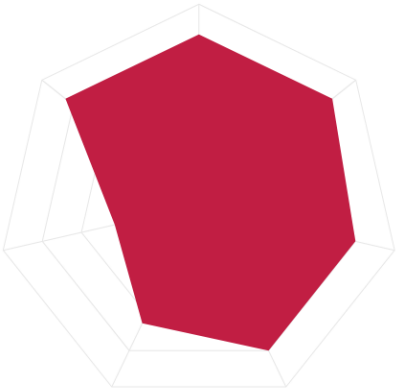
DISINFESTATION

PETROLEUM DERIVATIVES TRANSFER

CLUTCH SYSTEMS

AIR BRAKE SYSTEMS

HYDROLYSIS RESISTANCE



Mebra Plastik Italia s.p.a.
via Tibet 23/25 Busto Arsizio (VA) 21052
Tel: 0331 344005
E-mail: mebra@mebra.it

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

Mebra Plastik Italia s.p.a.
via Tibet 23/25 Busto Arsizio (VA) 21052
Tel: 0331 344005
E-mail: mebra@mebra.it

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

Mebra Plastik Italia s.p.a.
via Tibet 23/25 Busto Arsizio (VA) 21052
Tel: 0331 344005
E-mail: mebra@mebra.it

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
TR11X15	11 mm	15 mm	2 mm	85 mm	20 BAR	N T
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

Mebra Plastik Italia s.p.a.
via Tibet 23/25 Busto Arsizio (VA) 21052
Tel: 0331 344005
E-mail: mebra@mebra.it

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
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**