

RILSAN® PA 11 PHL SPIRAL HOSE

Flexible spiral hose in Rilsan® PA 11 PHL of vegetable origin. Excellent working memory and abrasion resistance.

FEATURES

Among the polyamides, for the production of **standard spirals**, the **PA 11** was chosen for its surprising elastic memory, as well as **exceptional flexibility**, which guarantee high performance and longevity to the product. The **PA 11 PHL Rilsan brand®** is produced from renewable sources and is the preferred solution of those looking for the best among polyamides, with an eye to nature.

SECTORS

INDUSTRIAL

APPLICATIONS

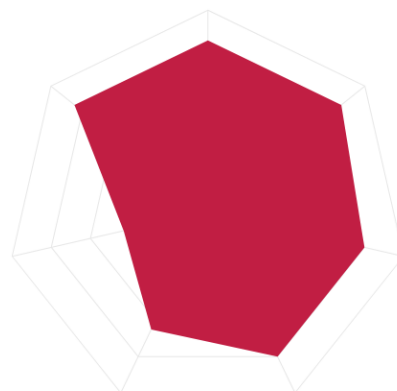
INDUSTRIAL AUTOMATION

ROBOTICS

MACHINE TOOLS

VACUUM

CHEMICAL RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Operating pressure (23°C)	Standard colors	Material length	Working length	Retracted length	Turns n	Tale A	Tale B	winding Ø	outer Ø
SR2X4X2.5	2 mm	4 mm	1 mm	44 BAR	(T)	2.5 m	1.5 m	92 mm	22 N	100 mm	100 mm	30 mm	38 mm
SR2X4X10	2 mm	4 mm	1 mm	44 BAR	(A)	10 m	6.5 m	564 mm	94 N	0 mm	0 mm	20 mm	38 mm
SR2X4X20	2 mm	4 mm	1 mm	44 BAR		20 m	13 m	791 mm	188 N	0 mm	0 mm	30 mm	38 mm
SR2X4X25	2 mm	4 mm	1 mm	44 BAR		25 m	16.5 m	989 mm	235 N	0 mm	0 mm	30 mm	38 mm
SR2.5X4X2.5	2.5 mm	4 mm	0.75 mm	30 BAR	(T)	2.5 m	1.5 m	92 mm	22 N	100 mm	100 mm	30 mm	38 mm
SR2.5X4X7.5	2.5 mm	4 mm	0.75 mm	30 BAR		7.5 m	5 m	290 mm	69 N	100 mm	100 mm	30 mm	38 mm
SR2.5X4X10	2.5 mm	4 mm	0.75 mm	30 BAR	(A)	10 m	6.5 m	395 mm	134 N	0 mm	0 mm	20 mm	38 mm
SR2.5X4X15	2.5 mm	4 mm	0.75 mm	30 BAR		15 m	10 m	593 mm	141 N	0 mm	0 mm	30 mm	38 mm
SR4X6X7.5	4 mm	6 mm	1 mm	26 BAR	(G) (T)	7.5 m	5 m	258 mm	41 N	130 mm	130 mm	50 mm	62 mm
SR4X6X10	4 mm	6 mm	1 mm	26 BAR	(T)	10 m	6.5 m	353 mm	56 N	130 mm	130 mm	50 mm	62 mm
SR4X6X10	4 mm	6 mm	1 mm	26 BAR		10 m	6.5 m	328 mm	52 N	0 mm	0 mm	55 mm	67 mm
SR4X6X12	4 mm	6 mm	1 mm	26 BAR		12 m	8 m	934 mm	148 N	0 mm	0 mm	20 mm	32 mm
SR4X6X15	4 mm	6 mm	1 mm	26 BAR	(T)	15 m	10 m	530 mm	84 N	130 mm	130 mm	50 mm	62 mm
SR4X6X15	4 mm	6 mm	1 mm	26 BAR		15 m	10 m	498 mm	79 N	0 mm	0 mm	55 mm	67 mm

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SR4X6X17	4 mm	6 mm	1 mm	26 BAR		17 m	11 m	953 mm	151 N	0 mm	0 mm	30 mm	42 mm
SR4X6X25	4 mm	6 mm	1 mm	26 BAR	BS A	25 m	16.5 m	903 mm	143 N	0 mm	0 mm	50 mm	62 mm
SR4X6X30	4 mm	6 mm	1 mm	26 BAR	BS A AS AR	30 m	19.5 m	991 mm	157 N	0 mm	0 mm	55 mm	67 mm
SR6X8X7.5	6 mm	8 mm	1 mm	19 BAR	BS A T	7.5 m	5 m	286 mm	34 N	130 mm	130 mm	60 mm	76 mm
SR6X8X7.5	6 mm	8 mm	1 mm	19 BAR		7.5 m	5 m	261 mm	31 N	0 mm	0 mm	70 mm	86 mm
SR6X8X10	6 mm	8 mm	1 mm	19 BAR	N BS A AS R T	10 m	6.5 m	387 mm	46 N	130 mm	130 mm	60 mm	76 mm
SR6X8X10	6 mm	8 mm	1 mm	19 BAR		10 m	6.5 m	345 mm	41 N	0 mm	0 mm	70 mm	86 mm
SR6X8X12	6 mm	8 mm	1 mm	19 BAR		12 m	8 m	850 mm	101 N	0 mm	0 mm	30 mm	46 mm
SR6X8X15	6 mm	8 mm	1 mm	19 BAR	BS A AS T	15 m	10 m	581 mm	69 N	130 mm	130 mm	60 mm	76 mm

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SR6X8X15	6 mm	8 mm	1 mm	19 BAR		15 m	10 m	522 mm	62 N	0 mm	0 mm	70 mm	86 mm
SR6X8X25	6 mm	8 mm	1 mm	19 BAR	BS A AS	25 m	16.5 m	993 mm	118 N	0 mm	0 mm	60 mm	76 mm
SR6X8X30	6 mm	8 mm	1 mm	19 BAR	N BS A AS R AR T	30 m	19.5 m	917 mm	123 N	0 mm	0 mm	80 mm	86 mm
SR6X8X55	6 mm	8 mm	1 mm	19 BAR		55 m	36 m	1069 mm	127 N	0 mm	0 mm	130 mm	146 mm
SR8X10X5	8 mm	10 mm	1 mm	14 BAR		5 m	3.5 m	189 mm	18 N	0 mm	0 mm	80 mm	100 mm
SR8X10X7.5	8 mm	10 mm	1 mm	14 BAR	A T	7.5 m	5 m	263 mm	25 N	170 mm	170 mm	80 mm	100 mm
SR8X10X10	8 mm	10 mm	1 mm	14 BAR	A T	10 m	6.5 m	357 mm	34 N	170 mm	170 mm	80 mm	100 mm
SR8X10X108	10 mm	10 mm	1 mm	14 BAR		10 m	6.5 m	336 mm	32 N	0 mm	0 mm	90 mm	110 mm
SR8X10X15	8 mm	10 mm	1 mm	14 BAR	BS A T	15 m	10 m	547 mm	52 N	170 mm	170 mm	80 mm	100 mm
SR8X10X158	10 mm	10 mm	1 mm	14 BAR		15 m	10 m	505 mm	48 N	0 mm	0 mm	90 mm	110 mm

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SR8X10X25	8 mm	10 mm	1 mm	14 BAR	A AS	25 m	16.5 m	936 mm	89 N	0 mm	0 mm	80 mm	100 mm
SR8X10X30	8 mm	10 mm	1 mm	14 BAR	BS A AS R AR T	30 m	19.5 m	1010 mm	96 N	0 mm	0 mm	90 mm	110 mm
SR10X12X75	10 mm	12 mm	1 mm	12 BAR	T	7.5 m	5 m	252 mm	20 N	180 mm	180 mm	100 mm	124 mm
SR10X12X100	10 mm	12 mm	1 mm	12 BAR	A T	10 m	6.5 m	353 mm	28 N	180 mm	180 mm	100 mm	124 mm
SR10X12X110	10 mm	12 mm	1 mm	12 BAR		10 m	6.5 m	328 mm	29 N	0 mm	0 mm	100 mm	124 mm
SR10X12X150	10 mm	12 mm	1 mm	12 BAR	A T	15 m	10 m	530 mm	42 N	180 mm	180 mm	100 mm	124 mm
SR10X12X110	10 mm	12 mm	1 mm	12 BAR		15 m	10 m	492 mm	39 N	0 mm	0 mm	110 mm	134 mm
SR10X12X300	10 mm	12 mm	1 mm	12 BAR	N BS A AS R	30 m	19.5 m	997 mm	79 N	0 mm	0 mm	110 mm	134 mm
SR12X15X110	12 mm	15 mm	1.5 mm	14 BAR	T	15 m	10 m	426 mm	27 N	200 mm	200 mm	160 mm	190 mm

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Operating pressure (23°C)	Standard colors	Material length	Working length	Retracted length	Turns n	Tale A	Tale B	winding Ø	outer Ø
SR12X15X30	12 mm	15 mm	1.5 mm	14 BAR	BS A AR	30 m	19.5 m	915 mm	58 N	0 mm	0 mm	150 mm	180 mm
SR14X18X30	14 mm	18 mm	2 mm	16 BAR	T	30 m	19.5 m	1023 mm	54 N	0 mm	0 mm	160 mm	196 mm
SR15X18X30	15 mm	18 mm	1.5 mm	12 BAR	T	30 m	19.5 m	1023 mm	54 N	0 mm	0 mm	160 mm	196 mm
SR18X22X15	18 mm	22 mm	2 mm	13 BAR		15 m	10 m	509 mm	22 N	0 mm	0 mm	200 mm	244 mm
SR18X22X30	18 mm	22 mm	2 mm	13 BAR		30 m	19.5 m	995 mm	43 N	0 mm	0 mm	200 mm	244 mm
SR20X24X50	20 mm	24 mm	2 mm	12 BAR	T	50 m	32.5 m	960 mm	38 N	0 mm	0 mm	400 mm	448 mm

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

