

POLYURETHANE 1190 EXTRAFLEX

Flexible linear tube in polyurethane ether 95 ShA. It combines flexibility, abrasion resistance and memory to resistance to microbial attack and moisture.

FEATURES

Our **EXTRAFLEX 1190** polyurethane tubes combine **strength and longevity**, with **excellent flexibility and bend resistance**. The ether base also offers **protection from microbial attacks** and can therefore be installed in humid environments or in contact with water.

SECTORS

INDUSTRIAL

APPLICATIONS

INDUSTRIAL AUTOMATION

MACHINE TOOLS

ROBOTICS

HYDROLYSIS RESISTANCE



Products

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
190TE1.5X3	1.5 mm	3 mm	0.75 mm	10 mm	17 BAR	N A T
190TE1.6X3.17	1.6 mm	3.17 mm	0.785 mm	10 mm	17 BAR	N A T
190TE2X4	2 mm	4 mm	1 mm	10 mm	17 BAR	N A T
190TE2.5X4	2.5 mm	4 mm	0.75 mm	15 mm	12 BAR	N A T
190TE2.7X4.3	2.7 mm	4.3 mm	0.8 mm	20 mm	12 BAR	N A T
190TE3X5	3 mm	5 mm	1 mm	20 mm	13 BAR	N A T
190TE3.2X6	3.2 mm	6 mm	1.4 mm	20 mm	16 BAR	N A T
190TE3.6X6	3.6 mm	6 mm	1.2 mm	20 mm	13 BAR	N A T
190TE4X6	4 mm	6 mm	1 mm	25 mm	10 BAR	N VT A S R G T
190TE4X8	4 mm	8 mm	2 mm	20 mm	17 BAR	T
190TE5X8	5 mm	8 mm	1.5 mm	30 mm	12 BAR	N A T
190TE5X10	5 mm	10 mm	2.5 mm	25 mm	17 BAR	T
190TE5.5X8	5.5 mm	8 mm	1.25 mm	40 mm	9 BAR	N A T
190TE6X8	5.7 mm	8 mm	1.15 mm	40 mm	8 BAR	N VT A R G T
190TE6X10	6 mm	10 mm	2 mm	35 mm	13 BAR	A T
190TE6.5X10	6.5 mm	10 mm	1.75 mm	40 mm	11 BAR	N A T
190TE7X10	7 mm	10 mm	1.5 mm	50 mm	9 BAR	N A T
190TE7.5X12	7.5 mm	12 mm	2.25 mm	45 mm	12 BAR	T

Part number	Inner diameter (iØ)	Outer diameter (oØ)	Wall thickness	Minimum bending radius	Operating pressure (23°C)	STANDA.
190TE8X12	8 mm	12 mm	2 mm	50 mm	10 BAR	N A T
190TE8.5X14	8.5 mm	14 mm	2.75 mm	50 mm	13 BAR	A T
190TE9X12	9 mm	12 mm	1.5 mm	70 mm	7 BAR	N A T
190TE9X14	9 mm	14 mm	2.5 mm	55 mm	11 BAR	T
190TE9.5X14	9.5 mm	14 mm	2.25 mm	65 mm	10 BAR	A T
190TE10X14	10 mm	14 mm	2 mm	70 mm	8 BAR	N A T
190TE10X16	10 mm	16 mm	3 mm	60 mm	12 BAR	A T
190TE10.5X16	10.5 mm	16 mm	2.75 mm	65 mm	11 BAR	T
190TE11X16	11 mm	16 mm	2.5 mm	75 mm	9 BAR	N A T
190TE12X16	12 mm	16 mm	2 mm	95 mm	7 BAR	N A T
190TE13X19	13 mm	19 mm	3 mm	85 mm	10 BAR	A T

PRESSURE/TEMPERATURE

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

