

Transparent polyurethane tubing - PUX Series

- TRANSPARENT POLYURETHANE TUBING
- FOR PNEUMATIC APPLICATIONS
- FOR FOOD APPLICATIONS
- SHORE A 98 HARDNESS
- COMPLIANT WITH FDA 21 CFR



PNEUMATICS



LOW PRESSURE



AIR



WATER-BASED FLUIDS



WATER

EDIBLE PRODUCTS

TECHNICAL FEATURES

Metric

								
Code	mm	mm	mm	bar	mm	g/m	Colors available	m
PUX42*	2	4	1	19	11	11,5	T-B-R	100
PUX425*	2,5	4	0,75	13	15	9,3	T-B-R	100
PUX53*	3	5	1	15	14	15,3	T-B-R	100
PUX64*	4	6	1	13	18	19,2	T-B-R	100
PUX85*	5	8	1,5	17	25	37,4	T-B-R	100
PUX855*	5,5	8	1,25	12	30	32,3	T-B-R	100
PUX86*	6	8	1	9	35	26,8	T-B-R	100
PUX1065*	6,5	10	1,75	13	30	55,3	T-B-R	100
PUX107*	7	10	1,5	11	30	48,8	T-B-R	100
PUX1075*	7,5	10	1,25	9	40	41,9	T-B-R	100
PUX108*	8	10	1	7	45	34,5	T-B-R	100
PUX128*	8	12	2	9	50	76,6	T-B-R	100
PUX129*	9	12	1,5	8	50	60,3	T-B-R	100
PUX1-8*	1.7	3.17 (1/8")	0.73	17	10	6.8	T-B-R	100
PUX5-32*	2.4	3.97 (5/32")	0.78	14	15	9.6	T-B-R	100
PUX3-16*	2.8	4.76 (3/16")	0.98	14	14	14.2	T-B-R	100
PUX1-4*	4.05	6.35 (1/4")	1.15	14	20	22.9	T-B-R	100
PUX5-16*	5.2	7.94 (5/16")	1.37	13	30	34.6	T-B-R	100
PUX3-8*	6.2	9.52 (3/8")	1.66	13	35	50.0	T-B-R	100

PUX1-2*	8.1	12.7 (1/2")	2.30	14	50	91.6	T-B-R	100
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T : Neutral R : Red B : Blue

TECHNICAL FEATURES

Polyurethane's flexibility is comparable to rubber and has a good resistance to kinking. Available in the transparent PU versions with SHORE A 98 HARDNESS.

Working temperature:

from -20° to +60°C.

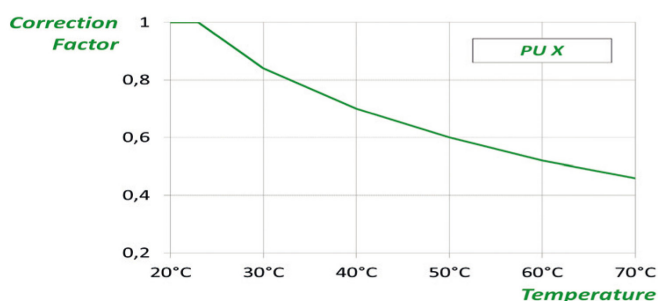
Specifications:

Tubing comply with FDA 21 CFR 177.2600. Raw materials comply with Regulation EU 10/2011.

It is end user responsibility to check the updated Declaration of Conformity on the reserved area.

NB: There is an * in the code. This should be replaced with the color code of the tubing.

BURST PRESSURE CORRECTION FACTOR ACCORDING TO TEMPERATURE



TECHNICAL FEATURES OF POLYURETHANES

General properties	Standard	U.M.	POLYURETHANE Typical values			
			SH 98	SH90	Transparent	H
Density	DIN 53479	g/cm3	1,22	1,21	1,19	1,16
Hardness	DIN 53505	Shore A	98	91	95	---
		Shore D	50	---	49	52
Tensile stress at break	DIN 53504	MPa	55	55	40	45
Elongation at break	DIN 53504	%	500	550	515	470
Charpy impact - unnotched 23°C - unnotched -30°C	ISO 179	kJ/m2	NC 18	NC NC	---	---
Abrasion resistance	DIN 53516	mm3	25	30	20	25

NORMATIVE

EU 10/2011

EU 1935/2004

FDA 21 CFR

For any further information about the optional items, please contact the sales office ()