

BizLink tube-fit PUR-line

*Polyurethane media hoses
two layer reinforced,
self-clamping*



MECHANICAL & CHEMICAL PROPERTIES

- Materials: PUR, PA and special compounds
- Single-layer construction
- Twin-layer construction with fiber braid reinforcement sealed between two extruded polyurethane layers
- High abrasion resistance
- Seven different standard colours (special colours optional)
- Cross sections from 1/4" to 1"
- Self extinguishing and resistant to welding spatter
- Resistant against hydrocarbons, bacteria, caustic solutions etc.
- Temperature range from -20 °C (-4 °F) to +80 °C (176 °F) (continuous use)*
- Limited elongation (1.5 % at 20 °C and 150 psi)*
- UV and ozone resistant
- 100 % silicone free



Standard
packaging >
50 m coils

We develop and produce all the necessary media hoses that are to be integrated into dresspacks.

BizLink tube-fit PUR-line >

Polyurethane hoses especially developed for the robotics equipment and machine components. Particularly well suited as a transmission medium for water, air and various gases.



EASY & QUICK INSTALLATION of standardised accessory parts



- Special tools for perfect installation
- Installation without lubricant
- Installation of standardised hose connections (fittings) without additional securing



BizLink tube-fit PUR-line

Further media hoses from BizLink

BizLink tube profile-line

Polyurethane hoses with customised inner and outer profiles - excellent for feeding applications.

BizLink tube-fit FR-line

Halfstiff and flame-retardant polyurethane hoses - especially developed for robotic and welding equipment.

Colour code acc. to IEC 757

Standard colours	x-xx → V-GN	x-xx → B-BU	x-xx → R-RD	x-xx → N-BK
Colours on request	x-xx → G-GY	x-xx → J-YE	x-xx → I-CL	x-xx → M-BN

Further colours on request

** transparent

Inner Ø	Outer Ø	Max. recommended working pressure at 20 °C/68 °F	Min. burst pressure				Min. loosening pressure**	Min. bending radius		Vacuum		Article no.		
			at 20 °C/68 °F		at 60 °C/140 °F			mm	inch	Mpa	Inch hg			
mm	inch	Mpa	psi	Mpa	psi	Mpa	psi	mm	inch	Mpa	Inch hg			
6.4	1/4	2.4	350	8.4	1200	5.0	737	4.7	700	25	1	0.08	25	TPU0001
9.5	3/8	2	300	7	1000	5.0	737	4.7	700	60	2.4	0.08	25	TPU0002
12.5	1/2	2	300	7	1000	5.0	737	4	600	75	3	0.08	25	TPU0003
16.5	5/8	1.7	250	7	1000	4.4	648	4	600	125	5	0.08	25	TPU0004
19.5	3/4	1.7	250	7	1000	4.4	648	3.8	550	150	6	0.08	25	TPU0005
25.4*	1	1.5	220	6	900	3.8	560	4	572	270	10.6	0.08	25	TPU0006

* Not self-locked

** Min. pressure necessary for loosening the fittings of the hose

Identification and traceability (example)

PUR 9V-3/8GR	2 Mpa 300 psi	31497 5 3137A	BizLink	321 02	13 35 980216
	Working pressure	Material batches		Day Year	Production hour Material batch



Standard version in brass – further materials on request

Note >

Corresponding to the polyurethane hoses we offer diverse fittings > straight, 45° or 90° angled.

[Please contact us for your individual quote.](#)

Bulkhead fitting

Type	Ø mm	Thread	Wrench	Article no.	
3/8"	9	3/8"	27	TPU0007	
		M16 x 1.5		TPU0008	
1/2"	12	1/2"		TPU0009	
		M22 x 1.5		TPU0010	
		1/2" – M22 x 1.5		TPU0011	
Reduction	9	M22 x 1.5 – 3/8"		TPU0012	
		12		M22 x 1.5 – M16 x 1.5	TPU0013
				1/2" – 3/8"	TPU0014