

BizLink tube-fit FR-line

**Polyurethane media tubes
for industrial applications**



MECHANICAL & CHEMICAL PROPERTIES

- Inner and outer layer free of paint wetting inhibitors substances
- Silicon free / Halogen free
- Flame resistant, acc. to UL 94-V0, self-extinguishing
- Resistance to oils / mineral oils / oxygen / ozone / weak acids / diluted bases
- UV resistant
- Abrasion resistant
- Working temperature range: -30 °C to +90 °C

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

BizLink tube-fit FR-line >

Halfstiff and flame-retardant polyurethane tubes – especially developed for robotic and welding equipment. Particularly well suited as a transmission medium for compressed air and (cooling) water.

BizLink tube-fit **FR-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 PUR-line
Reinforced two layer polyurethane hoses - self-locked

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 → M-BN	

Type	Inner Ø	Outer Ø	Thickness	Max. working pressure	Min. burst pressure		Vacuum	Min. bending radius		
					at 20 °C	at 20 °C		at 60 °C	static	for optimal flow
	mm	mm	mm					mm	mm	mm
4x6	4	6 ±0.10	1.00	1.4	4.4	2.2	0.09	10	15	35
4x8	4	8 ±0.15	2.00	2	6.4	3.2		15	20	40
5.5x8	5.5	8 ±0.15	1.25	1.2	3.6	1.5		15	25	50
6x10	6	10 ±0.15	2.00	1.6	5	2.7		20	35	50
7x10	7	10 ±0.15	1.50	1.2	3.6	1.6		25	40	50
8x12	8	12 ±0.15	2.00	1.3	4	2		25	45	65
10x14	10	14 ±0.15	2.00	1.2	3.6	1.8		40	60	85
11x16	11	16 ±0.15	2.50	1.2	3.6	1.7		45	70	95

Fitting male thread straight with colour indication ring >

- Operating pressure: -0.98 up to 18 bar
- Equipment temperature: -20 °C to 80 °C
– high temperature design on request
- Characteristics: Applicable for gaseous and fluid media, optimized and improved flow characteristics for water
- Material: Nickel plated brass, indication ring silicon aluminium anodized in colours

Bulkhead fitting with colour indication ring >

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