



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.

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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.



Fitting male thread straight with color 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 colors



Bulkhead fitting with color indication ring

- Operating pressure: -0.98 up to 18 bar
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Color code acc. to IEC 757

Standard colors

x-xx → V-GN  x-xx → B-BU  x-xx → R-RD  x-xx → N-BK 

Colors on request

x-xx → G-GY  x-xx → J-YE  x-xx → M-BN 

Type	Inner Ø	Outer Ø	Thickness	Max. working pressure			Vacuum	Min. bending radius		
				at 20 °C	at 20 °C	at 60 °C		static	for optimal flow	dynamic
	mm	mm	mm	MPa	MPa	MPa		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

Description	Ø mm	Thread	Color code - indication ring	Article no. + Color code
Fitting male thread	6	M5	Standard colors	TFR0001
	6	1/8"		TFR0002
	6	1/4"		TFR0003
	6	3/8"	x-xx → R-RD 	TFR0004
	8	1/8"	x-xx → V-GN 	TFR0005
	8	1/4"	x-xx → B-BU 	TFR0006
	8	3/8"		TFR0007
	8	1/2"		TFR0008
	10	1/8"	x-xx → N-BK 	TFR0009
	10	1/4"	on request	TFR0010
	10	3/8"		TFR0011
	10	1/2"		TFR0012
	12	1/4"	x-xx → G-GY 	TFR0013
	12	3/8"	x-xx → J-YE 	TFR0014
	12	1/2"		TFR0015
	14	3/8"		TFR0016
	14	1/2"	x-xx → M-BN 	TFR0017
	16	1/2"		TFR0018

Description	Ø mm	Thread	Color code - indication ring	Article no. + Color code
Bulk head fitting	6	M16	RD 	TFR0019
	8	M20		TFR0020
	10	M26	GN 	TFR0021
	12	M26	BU 	TFR0022
	14	M24		TFR0023
	16	M28	SR 	TFR0024