



Abrasion resistant polyurethane hose/ tubing

Application

- flexible hose/ ducting for liquids and for gases and for abrasive solids
- food industry, pharmaceutical industry: foodstuff, pharmaceutical
- conveying of dry foods e.g. rice, cereals, sugar, milk powder, powders, coffee, tea, grains, flour, frozen foods
- powder spraying, powder coating: e.g. printing industry
- hose/ tubing pump
- pneumatic tube
- compressed air hose, cooling water hose, water hose
- heating hose: interior hose for media transfer
- pneumatic expansion shaft: round expansion tube, flat expansion tube (special type on request)

Properties

- highly flexible

- highly abrasion resistant
- crush resistant
- Food grade wall, complies with: EU-Directive 10/2011 and EC 1935/2004 and the latest EU-Directive 2015/174
- food grade polyurethane, complies with: FDA 21 CFR 177.2600
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to oil, gasoline and chemicals
- very good low temperature flexibility
- manufacturing process acc. GMP EC 2023/2006
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature Range

- 40°C to 90°C
- short time to 125°C

Design

- NORFLEX® design
- wall: special premium ether-polyurethane (Pre-PUR®)
- wall interior and exterior smooth

Delivery variants

- further diameters and lengths available on request
- transparent (standard)
- special colours: full coloured
- customer-specific branding

I.D.	outer Ø	Wall Thickness	Pressure	Bending Radius	Weight	Dimensions in Stock	Order No.
(in / mm)	(mm)	mm	(bar)	(mm)	(kg/m)	(m)	
- / 2	4.00	1.00	20,000	19.00	0.01	100	401-9020-0000
- / 2,5	4.00	0.75	13,000	19.00	0.01	100	401-9025-0000
1/8 / 3	5.00	1.00	15,000	19.00	0.02	100	401-9030-0000
- / 4	6.00	1.00	13,000	28.00	0.02	100	401-9040-0000
- / 5	7.00	1.00	10,000	28.00	0.02	100	401-9050-0000
- / 5	8.00	1.50	12,000	33.00	0.04	100	401-9050-2182
1/4 / 6	8.00	1.00	8,000	32.00	0.03	100	401-9060-0000
1/4 / 6	9.00	1.50	10,000	37.00	0.04	100	401-9060-2182
- / 7	10.00	1.50	10,000	37.00	0.05	100	401-9070-0000
5/16 / 8	12.00	2.00	12,000	46.00	0.07	100	401-9080-0000
5/16 / 8	10.00	1.00	6,000	31.00	0.03	100	401-9080-2172
5/16 / 8	11.00	1.50	8,000	46.00	0.05	100	401-9080-2182
- / 9	12.00	1.50	8,000	46.00	0.06	100	401-9090-0000
3/8 / 10	14.00	2.00	11,000	55.00	0.08	100	401-9100-0000
- / 11	16.00	2.50	10,000	55.00	0.12	50	401-9110-0000
- / 12	16.00	2.00	8,000	64.00	0.10	50	401-9120-0000
1/2 / 13	18.00	2.50	8,000	79.00	0.14	50	401-9130-0000
3/4 / 19	25.00	3.00	8,000	116.00	0.24	50	401-9190-0000

Accessories



CLAMP 208