



## 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
- 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

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- 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

Overpressure and underpressure are recommended threshold operating values, products can be subjected to higher loads upon request. The bending radius is measured through the inside of the hose arch. The right to make technical modifications is reserved. All values determined at 20°C and are approx. data. Additional information at

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## Accessories



CLAMP 208