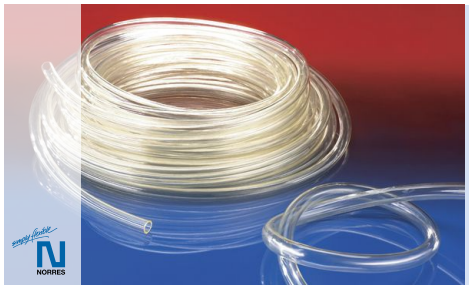
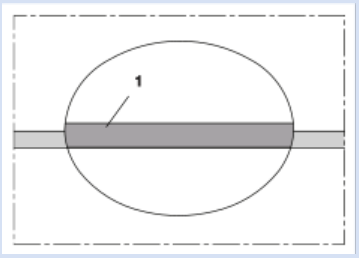
NORFLEX® PUR 401 FOOD





Abrasion resistant polyurethane hose/ tubing

Applications
- 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 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
- 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. (in / mm)	outer Ø (mm)	Wall Thickness (mm)	Pressure (bar)	Bending Radius (mm)	Weight (kg/m)	Dimensions in Stock (m)	Production Lengths (m)	Order No.
- / 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 www.norres.com/en/technology/.

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Accessories



CLAMP 208

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