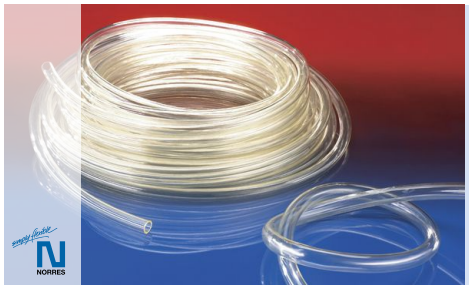
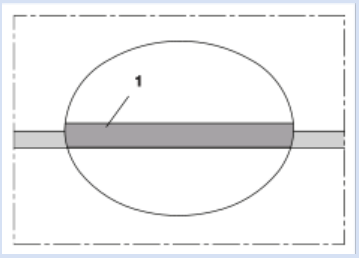
NORFLEX® PUR 401 FOOD





abrasion resistant polyurethane hose

Applications
- flexible hose/ ducting for liquids and for gases and for abrasive solids
- food industry, pharmaceutical industry: food, 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
- odorless 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 °F to 195 °F
- short time to 255 °F

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 colors: full colored
- customer-specific branding

I.D.	outer Ø	Wall thickness	Pressure	Bending radius	Weight	Dimensions in Stock	Production lengths	Order No.
(in / mm)	(in)	(in)	(psi)	(in)	(lb/ft)	(ft)	(ft)	
- / 2	0.157	0.039	290.080	0.748	0.007	-	300	401-9020-0000
- / 2,5	0.157	0.030	188.552	0.748	0.007	-	300	401-9025-0000
1/8 / 3	0.197	0.039	217.560	0.748	0.013	**300**	-	401-9030-0000
- / 4	0.236	0.039	188.552	1.102	0.013	-	300	401-9040-0000
- / 5	0.276	0.039	145.040	1.102	0.013	**300**	-	401-9050-0000
- / 5	0.315	0.059	174.048	1.299	0.027	-	300	401-9050-2182
1/4 / 6	0.315	0.039	116.032	1.260	0.020	-	300	401-9060-0000
1/4 / 6	0.354	0.059	145.040	1.457	0.027	**300**	-	401-9060-2182
- / 7	0.394	0.059	145.040	1.457	0.034	-	300	401-9070-0000
5/16 / 8	0.472	0.079	174.048	1.811	0.047	**100**	-	401-9080-0000
5/16 / 8	0.394	0.039	87.024	1.220	0.020	-	300	401-9080-2172
5/16 / 8	0.433	0.059	116.032	1.811	0.034	**300**	-	401-9080-2182
- / 9	0.472	0.059	116.032	1.811	0.040	-	300	401-9090-0000
3/8 / 10	0.551	0.079	159.544	2.165	0.054	**300**	-	401-9100-0000
- / 11	0.630	0.098	145.040	2.165	0.081	-	300	401-9110-0000
- / 12	0.630	0.079	116.032	2.520	0.067	-	300	401-9120-0000
1/2 / 13	0.709	0.098	116.032	3.110	0.094	**150**	-	401-9130-0000
3/4 / 19	0.984	0.118	116.032	4.567	0.161	**150**	-	401-9190-0000

Positive and negative pressure ratings are the recommended maximum operating values. Products can be manufactured to meet higher operating values upon request. The bend radius is calculated from the center of the hose in an arched position. Additional information at www.norres.com/us/technology/. NORRES reserves the right to modify technical data at any time. Technical data based on tests at 68 °F and are approx. values. Proper use and maintenance of NORRES hoses is the sole responsibility of purchaser and ultimate user of the product. The individual conditions, applications and the number of variables make firm recommendations technically impossible. This information is intended as a general guide only.

NORFLEX® PUR 401 FOOD

Accessories



CLAMP 208

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