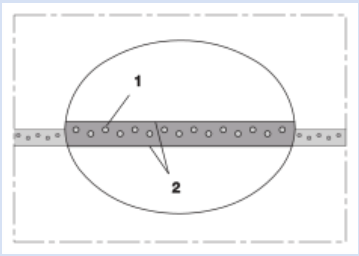
NORFLEX® PUR 441 FOOD





Abrasion resistant polyurethane hose/ tubing, fabric reinforced pressure 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
- injection moulding tool cooling, cooling water supply
- powder spraying, powder coating: e.g. printing industry
- industrial washing machine: washing water hose
- compressed air hose, cooling water hose, water hose
- braided hose
- heating hose: interior hose for media transfer

Properties
- fabric reinforced
- highly flexible
- highly abrasion resistant
- crush resistant
- 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
- fabric reinforced wall
- smooth interior and exterior
- wall: special premium ether-polyurethane (Pre-PUR®)

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)	
1/8 / 2,9	0.224	0.055	290.080	0.551	0.013	**150**	-	441-9029-0000
- / 4	0.315	0.079	290.080	0.512	0.034	**-**	150	441-9040-0000
1/4 / 6	0.394	0.079	232.064	0.866	0.040	**150**	-	441-9060-0000
5/16 / 8	0.472	0.079	232.064	1.024	0.054	**150**	-	441-9080-0000
3/8 / 9,5	0.531	0.079	203.056	1.772	0.060	**150**	-	441-9095-0000
3/8 / 10	0.571	0.091	174.048	2.165	0.067	**150**	-	441-9100-0000
1/2 / 13	0.748	0.118	145.040	3.110	0.121	**150**	-	441-9130-0000
3/4 / 19	0.984	0.118	116.032	4.567	0.168	**150**	-	441-9190-0000

Accessories



CLAMP 208

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.