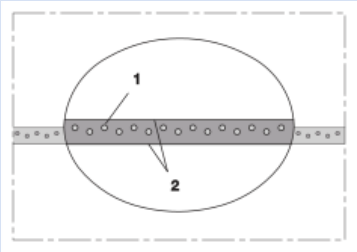
NORFLEX® PUR 441 ROBOTIC





Abrasion resistant polyurethane hose/ tubing for industrial robots, fabric reinforced high pressure hose

Applications
- flexible hose/ ducting for liquids and for gases and for abrasive solids
- injection moulding tool cooling, cooling water supply
- agricultural industry: high pressure spraying hose e.g. for pesticides
- compressed air hose, cooling water hose, water hose
- braided hose
- industrial robot, robotic, welding equipment, welding robot, welding gun: welding spot resistant hose, hose for dresspack for media as water and air
- heating hose: interior hose for media transfer

Properties
- fabric reinforced
- highly flexible
- highly abrasion resistant
- crush resistant
- good resistance to oil, gasoline, and chemicals
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range
- -30 °F to 175 °F

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

Delivery variants
- further diameters and lengths available on request
- transparent (standard)
- gray (standard)
- black (standard)
- blue (standard)
- red (standard)
- yellow (standard)
- green (standard)
- special colors: full colored
- customer-specific branding

I.D. (in / mm)	outer Ø (in)	Pressure (psi)	Burst pressure (psi)	Bending radius (in)	Weight (lb/ft)	Dimensions in Stock (ft)	Production lengths (ft)	Order No.
				blue				
1/4 / 6,4	0.500	290.080	1,160.320	0.866	0.087	-	150	441-9064-0400
3/8 / 9,2	0.630	290.080	1,160.320	2.165	0.101	**150**	-	441-9094-0400
1/2 / 12,5	0.768	290.080	1,160.320	2.717	0.155	**150**	-	441-9128-0400
3/4 / 19,5	1.122	290.080	725.200	5.512	0.276	-	150	441-9190-0400
				black				
3/8 / 9,2	0.630	290.080	1,160.320	2.165	0.101	**150**	-	441-9094-0402
1/2 / 12,5	0.768	290.080	1,160.320	2.717	0.155	**150**	-	441-9128-0402
				red				
3/8 / 9,2	0.630	290.080	1,160.320	2.165	0.101	**150**	-	441-9094-0403
1/2 / 12,5	0.768	290.080	1,160.320	2.717	0.155	**150**	-	441-9128-0403
3/4 / 19,5	1.122	290.080	725.200	5.512	0.276	**150**	-	441-9190-0403
				green				
3/8 / 9,2	0.630	290.080	1,160.320	2.165	0.101	**150**	-	441-9094-0404
1/2 / 12,5	0.768	290.080	1,160.320	2.717	0.155	**150**	-	441-9128-0404
3/4 / 19,5	1.122	290.080	725.200	5.512	0.276	**150**	-	441-9190-0404

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.

2026-21

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Accessories



CLAMP 208

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