



Abrasion-proof pressure hose; Fabric reinforced hose, resistant to pressure, smooth interior and exterior

Applications: Pressure hose, especially suitable:

- for compressed air
- for abrasive solids such as dust, powder, fibres and chips
- for gaseous and liquid media

Properties

- highly flexible
- highly abrasion-proof (abrasion resistance about 2.5 to 5 times better than most rubber materials and about 3 to 4 times better than most soft PVC 's)
- smooth interior and exterior
- high tensile strength and tear resistant
- fabric reinforced
- food grade wall, complies with: FDA 21 CFR 177.2600 and 178.2010, EU Directive 2002/72 /EC, incl. amending Directives 975/2009 and Regulation No. 10/2011

- approved by an independent testing laboratory for the complete hose (from an inner diameter of 3.0 mm) acc. to EU Directive 2002/72/EC, incl. amending Directives 2008/39/EC and 975/2009
- odourless and tasteless
- microbe and hydrolysis resistant
- good resistance to mineral oils and gasoline
- good resistance to chemicals
- good resistance to UV and ozone
- very good low temperature flexibility (better than comparable ester-polyurethanes)
- small bending radius
- free of softener and halogen
- gas and liquid tight
- pressure resistant
- crush-proof
- very robust
- conform to RoHS guideline

Temperature Range

- -40 °C approx. to +90 °C approx.
- short time to +125 °C approx.

Design, material

- NORFLEX® design
1. fabric reinforced wall
 2. smooth interior and exterior wall: special premium ether-polyurethane (Pre-PUR®)

Delivery variants

- transparent (standard)
- special colours: full coloured
- customer-specific product marking

I.D.		Wall Thickness	O.D.	Rec. operating limits		Bending	Weight	Dimensions	Further Production Lengths		Order No.
Inches	mm	mm	mm	Overpressure	Radius	mm	kg/m	Lengths	m	m	
				bar							
1/8"	2,9	1,4	5,7	20	15	0,022	50	-	-	441-9029-0000	
-	4	2	8	20	15	0,045	50	-	-	441-9040-0000	
1/4"	6	2	10	16	25	0,060	50	-	-	441-9060-0000	
1/4"	6	3	12	20	25	0,100	-	50	-	441-9060-2175	
-	6,5	1,75	10	16	25	0,054	-	50	-	441-9065-0000	
-	7	1,5	10	14	30	0,047	-	50	-	441-9070-0000	
-	8	2	12	16	30	0,075	50	-	-	441-9080-0000	
-	8,5	2	12,5	16	40	0,078	-	50	-	441-9085-0000	
-	9,5	2	13,5	14	50	0,086	-	50	50	441-9095-0000	
3/8"	10	2,25	14,5	12	60	0,103	50	-	-	441-9100-0000	
-	11	2,5	16	12	60	0,126	-	50	50	441-9110-0000	
1/2"	13	3	19	10	85	0,179	50	-	-	441-9130-0000	
3/4"	19	3	25	8	125	0,248	50	-	-	441-9190-0000	

Other diameters and lengths available on request. All values indicated here are approximate figures based on a temperature of 20 °C. Data subject to change without notice. Please also refer to our Technical Appendix on www.norres.com.

Accessories

13.3.0



NORCLAMP 208