



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

Application

- 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
- fabric reinforced 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

- 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

- 35°C to 80°C

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)
- grey (standard)
- black (standard)
- blue (standard)
- red (standard)
- yellow (standard)
- green (standard)
- special colours: full coloured
- customer-specific branding

I.D.	outer Ø	Pressure	Burst Pressure	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
transparent								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0005
3/8 / 9,4	16.00	20,000	0	55.00	0.15	-	50	441-9094-0005
1/2 / 12,8	19.50	20,000	0	69.00	0.23	-	50	441-9128-0005
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0005
3/4 / 19,5	28.50	20,000	0	140.00	0.41	-	50	441-9190-0005
blue								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0400
3/8 / 9,4	16.00	20,000	0	55.00	0.15	50	-	441-9094-0400
1/2 / 12,8	19.50	20,000	0	69.00	0.23	50	-	441-9128-0400
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0400
3/4 / 19,5	28.50	20,000	0	140.00	0.41	50	-	441-9190-0400
grey								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0401
3/8 / 9,4	16.00	20,000	0	55.00	0.15	-	50	441-9094-0401
1/2 / 12,8	19.50	20,000	0	69.00	0.23	-	50	441-9128-0401
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0401
3/4 / 19,5	28.50	20,000	0	140.00	0.41	-	50	441-9190-0401

I.D.	outer Ø	Pressure	Burst Pressure	Bending Radius	Weight	Dimensions in Stock	Production Lengths	Order No.
(in / mm)	(mm)	(bar)	(bar)	(mm)	(kg/m)	(m)	(m)	
black								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0402
3/8 / 9,4	16.00	20,000	0	55.00	0.15	50	-	441-9094-0402
1/2 / 12,8	19.50	20,000	0	69.00	0.23	50	-	441-9128-0402
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0402
3/4 / 19,5	28.50	20,000	0	140.00	0.41	-	50	441-9190-0402
red								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0403
3/8 / 9,4	16.00	20,000	0	55.00	0.15	50	-	441-9094-0403
1/2 / 12,8	19.50	20,000	0	69.00	0.23	50	-	441-9128-0403
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0403
3/4 / 19,5	28.50	20,000	0	140.00	0.41	50	-	441-9190-0403
green								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0404
3/8 / 9,4	16.00	20,000	0	55.00	0.15	50	-	441-9094-0404
1/2 / 12,8	19.50	20,000	0	69.00	0.23	50	-	441-9128-0404
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0404
3/4 / 19,5	28.50	20,000	0	140.00	0.41	50	-	441-9190-0404
yellow								
1/4 / 6,4	12.70	20,000	0	22.00	0.13	-	50	441-9064-0405
3/8 / 9,4	16.00	20,000	0	55.00	0.15	-	50	441-9094-0405
1/2 / 12,8	19.50	20,000	0	69.00	0.23	-	50	441-9128-0405
5/8 / 16	24.50	20,000	0	117.00	0.31	-	50	441-9160-0405
3/4 / 19,5	28.50	20,000	0	140.00	0.41	-	50	441-9190-0405

Accessories



CLAMP 208