



Flame-resistant polyurethane hose, for flying sparks or welding sparks

Application

- flexible hose/ ducting for liquids and for gases and for abrasive solids
- hose/ tubing pump
- pneumatic tube
- compressed air hose, cooling water hose, water 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

- very good resistance to flying sparks and welding sparks
- highly flexible
- highly abrasion resistant

- highly abrasion resistant
- crush resistant
- good resistance to oil, gasoline, and chemicals
- flame-retardant according to: UL94-V0/V2
- conforms to RoHS guideline
- REACH according to --> Technology / Technical Information / REACH

Temperature range

- 5°F to 140°F

Design

- NORFLEX® design
- wall interior and exterior smooth

- wall: special premium polyurethane with flame retardant additive (Pre-PUR®)

Delivery variants

- further diameters and lengths available on request
- cream (standard)
- blue (standard)
- red (standard)
- yellow (standard)
- green (standard)
- special colors: partially colored, completely colored
- customer-specific branding

I.D. (in / mm)	outer Ø (in)	Wall thickness (in)	Pressure (psi)	Burst pressure (psi)	Bending radius (in)	Weight (lb/ft)	Production lengths (ft)	Order No.
blue								
- / 2	0.157	0.039	362.600	0.000	0.236	0.007	100	401-9020-6051
- / 4	0.315	0.079	333.592	0.000	0.512	0.034	50 100	401-9040-6041
- / 4	0.236	0.039	261.072	0.000	0.394	0.013	100	401-9040-6051
- / 5,5	0.315	0.049	203.056	0.000	0.551	0.020	100	401-9055-6061
1/4 / 6	0.394	0.079	261.072	0.000	0.669	0.040	50 100	401-9060-6041
1/4 / 6	0.354	0.059	203.056	0.000	0.591	0.034	100	401-9060-6071
- / 7	0.394	0.059	174.048	0.000	0.866	0.034	100	401-9070-6071
5/16 / 8	0.472	0.079	188.552	0.000	0.945	0.054	50 100	401-9080-6041
3/8 / 10	0.551	0.079	174.048	0.000	1.772	0.067	50 100	401-9100-6041
3/8 / 10	0.472	0.039	116.032	0.000	1.378	0.027	50 100	401-9100-6051
3/8 / 10	0.591	0.098	261.072	0.000	1.969	0.087	50 100	401-9100-6081
- / 11	0.591	0.079	188.552	0.000	1.772	0.074	100	401-9110-6041
- / 11	0.630	0.098	203.056	0.000	1.969	0.094	50	401-9110-6081
- / 17	0.866	0.098	116.032	0.000	2.835	0.134	50	401-9170-6081
7/8 / 22	1.102	0.118	101.528	0.000	5.472	0.202	50	401-9220-6091
red								
- / 2	0.157	0.039	362.600	0.000	0.236	0.007	100	401-9020-6053
- / 4	0.315	0.079	333.592	0.000	0.512	0.034	50 100	401-9040-6043
- / 4	0.236	0.039	261.072	0.000	0.394	0.013	100	401-9040-6053
- / 5,5	0.315	0.051	203.056	0.000	0.551	0.020	100	401-9055-6063

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.



I.D.	outer Ø	Wall thickness	Pressure	Burst pressure	Bending radius	Weight	Production lengths	Order No.
(in / mm)	(in)	(in)	(psi)	(psi)	(in)	(lb/ft)	(ft)	
1/4 / 6	0.394	0.079	261.072	0.000	0.669	0.040	50 100	401-9060-6043
1/4 / 6	0.354	0.059	203.056	0.000	0.591	0.034	100	401-9060-6073
- / 7	0.394	0.059	174.048	0.000	0.866	0.034	100	401-9070-6073
5/16 / 8	0.472	0.079	188.552	0.000	0.945	0.054	50 100	401-9080-6043
3/8 / 10	0.551	0.079	174.048	0.000	1.772	0.067	50 100	401-9100-6043
3/8 / 10	0.472	0.039	116.032	0.000	1.378	0.027	100	401-9100-6053
3/8 / 10	0.591	0.098	261.072	0.000	1.969	0.087	100	401-9100-6083
- / 11	0.591	0.079	188.552	0.000	1.772	0.074	100	401-9110-6043
- / 11	0.630	0.098	203.056	0.000	1.969	0.094	50	401-9110-6083
- / 17	0.866	0.098	116.032	0.000	2.835	0.134	50	401-9170-6083
7/8 / 22	1.102	0.118	101.528	0.000	5.472	0.202	50	401-9220-6093

yellow

- / 2	0.157	0.039	362.600	0.000	0.236	0.007	100	401-9020-6054
- / 4	0.315	0.079	333.592	0.000	0.512	0.034	50 100	401-9040-6044
- / 4	0.236	0.039	261.072	0.000	0.394	0.013	100	401-9040-6054
- / 5,5	0.315	0.051	203.056	0.000	0.551	0.020	100	401-9055-6064
1/4 / 6	0.394	0.079	261.072	0.000	0.669	0.040	50 100	401-9060-6044
1/4 / 6	0.354	0.059	203.056	0.000	0.591	0.034	100	401-9060-6074
- / 7	0.394	0.059	174.048	0.000	0.866	0.034	100	401-9070-6074
5/16 / 8	0.472	0.079	188.552	0.000	0.945	0.054	50 100	401-9080-6044
3/8 / 10	0.551	0.079	174.048	0.000	1.772	0.067	100	401-9100-6044
3/8 / 10	0.472	0.039	116.032	0.000	1.378	0.027	50 100	401-9100-6054
3/8 / 10	0.591	0.098	261.072	0.000	1.969	0.087	100	401-9100-6084
- / 11	0.591	0.079	188.552	0.000	1.772	0.074	100	401-9110-6044
- / 11	0.630	0.098	203.056	0.000	1.969	0.094	50	401-9110-6084
- / 17	0.866	0.098	116.032	0.000	2.835	0.134	50	401-9170-6084
7/8 / 22	1.102	0.118	101.528	0.000	5.472	0.202	50	401-9220-6094

green

- / 2	0.157	0.039	362.600	0.000	0.236	0.007	100	401-9020-6055
- / 4	0.315	0.079	333.592	0.000	0.512	0.034	50 100	401-9040-6045
- / 4	0.236	0.039	261.072	0.000	0.394	0.013	100	401-9040-6055
- / 5,5	0.315	0.051	203.056	0.000	0.551	0.020	100	401-9055-6065
1/4 / 6	0.394	0.079	261.072	0.000	0.669	0.040	50 100	401-9060-6045
1/4 / 6	0.354	0.059	203.056	0.000	0.591	0.034	100	401-9060-6075
- / 7	0.394	0.059	174.048	0.000	0.866	0.034	100	401-9070-6075
5/16 / 8	0.472	0.079	188.552	0.000	0.945	0.054	50 100	401-9080-6045
3/8 / 10	0.551	0.079	174.048	0.000	1.772	0.067	50 100	401-9100-6045
3/8 / 10	0.472	0.039	116.032	0.000	1.378	0.027	100	401-9100-6055
3/8 / 10	0.591	0.098	261.072	0.000	1.969	0.087	100	401-9100-6085
- / 11	0.591	0.079	188.552	0.000	1.772	0.074	100	401-9110-6045
- / 11	0.630	0.098	203.056	0.000	1.969	0.094	50	401-9110-6085
- / 17	0.866	0.098	116.032	0.000	2.835	0.134	50	401-9170-6085
7/8 / 22	1.102	0.118	101.528	0.000	5.472	0.202	50	401-9220-6095

cream

- / 2	0.157	0.039	362.600	0.000	0.236	0.007	100	401-9020-6056
- / 4	0.315	0.079	333.592	0.000	0.512	0.034	50 100	401-9040-6046
- / 4	0.236	0.039	261.072	0.000	0.394	0.013	100	401-9040-6056
- / 5,5	0.315	0.051	203.056	0.000	0.551	0.020	100	401-9055-6066
1/4 / 6	0.394	0.079	261.072	0.000	0.669	0.040	50 100	401-9060-6046
1/4 / 6	0.354	0.059	203.056	0.000	0.591	0.034	100	401-9060-6076

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(in / mm)	(in)	(in)	(psi)	(psi)	(in)	(lb/ft)	(ft)	
- / 7	0.394	0.059	174.048	0.000	0.866	0.034	100	401-9070-6076
5/16 / 8	0.472	0.079	188.552	0.000	0.945	0.054	50 100	401-9080-6046
3/8 / 10	0.551	0.079	174.048	0.000	1.772	0.067	50 100	401-9100-6046
3/8 / 10	0.472	0.039	116.032	0.000	1.378	0.027	100	401-9100-6056
3/8 / 10	0.591	0.098	261.072	0.000	1.969	0.087	100	401-9100-6086
- / 11	0.591	0.079	188.552	0.000	1.772	0.074	100	401-9110-6046
- / 11	0.630	0.098	203.056	0.000	1.969	0.094	50	401-9110-6086
- / 17	0.866	0.098	116.032	0.000	2.835	0.134	50	401-9170-6086
7/8 / 22	1.102	0.118	101.528	0.000	5.472	0.202	50	401-9220-6096

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Accessories



CLAMP 208