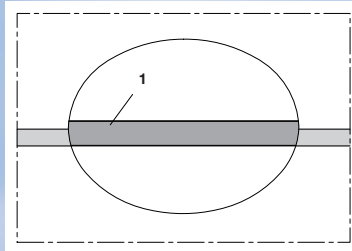


NEW



Abrasion-proof pressure hose for flying sparks or welding sparks; Hose without reinforcement, smooth interior and exterior

Applications: Pressure hose, especially suitable:

- for compressed air
- for welding apparatus and industrial robots
- for gaseous and liquid media

Properties

- very good in case of flying sparks or welding sparks
- 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
- good resistance to mineral oils and gasoline

- good resistance to chemicals
- good resistance to UV and ozone
- small bending radius
- halogen free
- gas and liquid tight
- pressure resistant
- crush-proof
- very robust
- flame-retardant according to: UL94-V0
- conform to RoHS guideline

Temperature Range

- -40 °C approx. to +90 °C approx.

Design, material

NORFLEX® design

- 1. wall interior and exterior smooth
- wall: special premium polyurethane with flame-retardant additive (Pre-PUR®)

Delivery variants

- grey and cream partially colored (standard)
- grey and black partially colored (standard)
- grey and blue partially colored (standard)
- grey and red partially colored (standard)
- grey and yellow partially colored (standard)
- grey and green partially colored (standard)
- special colours: partially coloured, completely coloured
- customer-specific product marking

I.D. mm	Wall Thickness mm	O.D. mm	Rec. Operating limits		Bending Radius mm	Weight kg/m	Production Lengths m	Stripe Colour	Order No.
			Overpressure bar	Bursting pressure bar					
2	1	4	25	40	7	0,012	100	blue	401-9020-6051
4	2	8	23	47	15	0,048	50 100	blue	401-9040-6041
4	1	6	18	35	12	0,020	100	blue	401-9040-6051
5.5	1.25	8	14	28	17	0,034	100	blue	401-9055-6061
6	2	10	18	36	20	0,063	50 100	blue	401-9060-6041
6	1.5	9	14	28	18	0,045	100	blue	401-9060-6071
7	1.5	10	12	25	25	0,051	100	blue	401-9070-6071
8	2	12	13	30	28	0,078	50 100	blue	401-9080-6041
10	2	14	12	32	50	0,096	50 100	blue	401-9100-6041
10	1	12	8	20	40	0,044	100	blue	401-9100-6051
10	2.5	15	18	35	55	0,125	100	blue	401-9100-6081
11	2	15	13	30	50	0,107	100	blue	401-9110-6041
11	2.5	16	14	34	55	0,135	50	blue	401-9110-6081
17	2.5	22	8	20	80	0,195	50	blue	401-9170-6081
22	3	28	7	18	150	0,300	50	blue	401-9220-6091
2	1	4	25	40	7	0,012	100	black	401-9020-6052
4	2	8	23	47	15	0,048	50 100	black	401-9040-6042
4	1	6	18	35	12	0,020	100	black	401-9040-6052
5.5	1.25	8	14	28	17	0,034	100	black	401-9055-6062
6	2	10	18	36	20	0,063	50 100	black	401-9060-6042
6	1.5	9	14	28	18	0,045	100	black	401-9060-6072
7	1.5	10	12	25	25	0,051	100	black	401-9070-6072
8	2	12	13	30	28	0,078	50 100	black	401-9080-6042
10	2	14	12	32	50	0,096	50 100	black	401-9100-6042
10	1	12	8	20	40	0,044	100	black	401-9100-6052
10	2.5	15	18	35	55	0,125	100	black	401-9100-6082
11	2	15	13	30	50	0,107	100	black	401-9110-6042
11	2.5	16	14	34	55	0,135	50	black	401-9110-6082
17	2.5	22	8	20	80	0,195	50	black	401-9170-6082



I.D.	Wall Thickness	O.D.	Rec. Operating limits		Bending Radius	Weight	Production Lengths	Stripe Colour	Order No.
			Overpressure	Bursting pressure					
			bar	bar					
22	3	28	7	18	150	0,300	50	black	401-9220-6092
2	1	4	25	40	7	0,012	100	red	401-9020-6053
4	2	8	23	47	15	0,048	50 100	red	401-9040-6043
4	1	6	18	35	12	0,020	100	red	401-9040-6053
5.5	1.25	8	14	28	17	0,034	100	red	401-9055-6063
6	2	10	18	36	20	0,063	50 100	red	401-9060-6043
6	1.5	9	14	28	18	0,045	100	red	401-9060-6073
7	1.5	10	12	25	25	0,051	100	red	401-9070-6073
8	2	12	13	30	28	0,078	50 100	red	401-9080-6043
10	2	14	12	32	50	0,096	50 100	red	401-9100-6043
10	1	12	8	20	40	0,044	100	red	401-9100-6053
10	2.5	15	18	35	55	0,125	100	red	401-9100-6083
11	2	15	13	30	50	0,107	100	red	401-9110-6043
11	2.5	16	14	34	55	0,135	50	red	401-9110-6083
17	2.5	22	8	20	80	0,195	50	red	401-9170-6083
22	3	28	7	18	150	0,300	50	red	401-9220-6093
2	1	4	25	40	7	0,012	100	yellow	401-9020-6054
4	2	8	23	47	15	0,048	50 100	yellow	401-9040-6044
4	1	6	18	35	12	0,020	100	yellow	401-9040-6054
5.5	1.25	8	14	28	17	0,034	100	yellow	401-9055-6064
6	2	10	18	36	20	0,063	50 100	yellow	401-9060-6044
6	1.5	9	14	28	18	0,045	100	yellow	401-9060-6074
7	1.5	10	12	25	25	0,051	100	yellow	401-9070-6074
8	2	12	13	30	28	0,078	50 100	yellow	401-9080-6044
10	2	14	12	32	50	0,096	50 100	yellow	401-9100-6044
10	1	12	8	20	40	0,044	100	yellow	401-9100-6054
10	2.5	15	18	35	55	0,125	100	yellow	401-9100-6084
11	2	15	13	30	50	0,107	100	yellow	401-9110-6044
11	2.5	16	14	34	55	0,135	50	yellow	401-9110-6084
17	2.5	22	8	20	80	0,195	50	yellow	401-9170-6084
22	3	28	7	18	150	0,300	50	yellow	401-9220-6094
2	1	4	25	40	7	0,012	100	green	401-9020-6055
4	2	8	23	47	15	0,048	50 100	green	401-9040-6045
4	1	6	18	35	12	0,020	100	green	401-9040-6055
5.5	1.25	8	14	28	17	0,034	100	green	401-9055-6065
6	2	10	18	36	20	0,063	50 100	green	401-9060-6045
6	1.5	9	14	28	18	0,045	100	green	401-9060-6075
7	1.5	10	12	25	25	0,051	100	green	401-9070-6075
8	2	12	13	30	28	0,078	50 100	green	401-9080-6045
10	2	14	12	32	50	0,096	50 100	green	401-9100-6045
10	1	12	8	20	40	0,044	100	green	401-9100-6055
10	2.5	15	18	35	55	0,125	100	green	401-9100-6085
11	2	15	13	30	50	0,107	100	green	401-9110-6045
11	2.5	16	14	34	55	0,135	50	green	401-9110-6085
17	2.5	22	8	20	80	0,195	50	green	401-9170-6085
22	3	28	7	18	150	0,300	50	green	401-9220-6095
2	1	4	25	40	7	0,012	100	cream	401-9020-6056
4	2	8	23	47	15	0,048	50 100	cream	401-9040-6046
4	1	6	18	35	12	0,020	100	cream	401-9040-6056
5.5	1.25	8	14	28	17	0,034	100	cream	401-9055-6066



I.D.	Wall Thickness	O.D.	Rec. Operating limits		Bending Radius	Weight	Production Lengths	Stripe Colour	Order No.
			Overpressure	Bursting pressure					
			bar	bar					
mm	mm	mm	bar	bar	mm	kg/m	m		
6	2	10	18	36	20	0,063	50 100	cream	401-9060-6046
6	1.5	9	14	28	18	0,045	100	cream	401-9060-6076
7	1.5	10	12	25	25	0,051	100	cream	401-9070-6076
8	2	12	13	30	28	0,078	50 100	cream	401-9080-6046
10	2	14	12	32	50	0,096	50 100	cream	401-9100-6046
10	1	12	8	20	40	0,044	100	cream	401-9100-6056
10	2.5	15	18	35	55	0,125	100	cream	401-9100-6086
11	2	15	13	30	50	0,107	100	cream	401-9110-6046
11	2.5	16	14	34	55	0,135	50	cream	401-9110-6086
17	2.5	22	8	20	80	0,195	50	cream	401-9170-6086
22	3	28	7	18	150	0,300	50	cream	401-9220-6096

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.; O.D. tolerance: <= 6 mm +0,1 / -0,1 mm; 6,1 .. 16 mm +0,15 / -0,15 mm; > 16 mm +0,2 / -0,2 mm; Wall thickness tolerance: 1 - 1,5 mm: 0 / -0,15 mm; 2 mm: 0 / -0,2 mm; 2,5 mm: +0,15 / -0,05 mm; 3 mm: +0,2 / -0,1 mm

Accessories

13.3.0



CLAMP 208