

Inside and Outside Rubberlined Fire Fighting Hose

Syntex Unidur (inside and outside rubberlined)


Construction

- inside: very smooth for minimum friction loss
- jacket of 100 % high tenacity synthetic polyester yarn, circular woven, embedded in a rubber compound provides optimum protection of the jacket
- high-quality Nitrile/PVC compound is forced through the jacket in the extrusion process (standard colour: red; other on request)
- outside: longitudinal ribs for excellent abrasion resistance

Feature

- high abrasion resistance and durability by longitudinal ribs
→ by trouble with a damage of the cover an easily repair is possible
- very light and flexible hose quality
- minimum maintenance
- extremely resistant to aging and ozone and UV
- excellent abrasion resistance
- temperature range from -40°C up to $+100^{\circ}\text{C}$
- minimum friction loss because of very smooth inner lining
- suitable for sea water, hot water, many chemicals

Approvals/Certificates

- DIN 14811:2008-01+A2:2014-08
- BS 6391:2009 Type 3
- M.E.D. 96/98/EC 
- Germanischer Lloyd
- Lloyd's Register of Shipping

Approvals or Certificates mailed to you on demand.



Through-the-weave-extrusion-process



adhesion test for quality assurance



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(inside and outside
rubberlined)

Technical Details

Diameter in Inch	Diameter in mm	Bursting Pressure in bar	Bursting Pressure in PSI	Working Pressure in bar – 1:3 Safety	Working Pressure in PSI – 1:3 Safety	Working Pressure in bar – 1:4 Safety	Working Pressure in PSI – 1:4 Safety	Weight in g/m (+/- 5%)	Weight in lbs/ft (+/- 5%)	Wall Thickness in mm (+/- 0,2 mm)	Theoretical Tensile Strength in kg
Inside and Outside Rubberlined Fige Fighting Hose											
3/4	19	50 (DIN)	725	16 (DIN)	290	12	175	190	0,128	2,0	1.700
3/4	20	50 (DIN)	725	16 (DIN)	290	12	175	195	0,131	2,0	1.700
3/4	21	50 (DIN)	725	16 (DIN)	290	12	175	200	0,134	2,0	1.700
1 (Storz)	25	50 (DIN)	725	16 (DIN)	290	12	175	225	0,151	2,0	2.300
1 (Geka)	27	50 (DIN)	725	16 (DIN)	290	12	175	235	0,158	2,0	2.300
1 1/4	32	50 (DIN)	725	16 (DIN)	290	12	175	290	0,195	2,0	2.600
1 1/2	38	50 (DIN)	725	16 (DIN)	290	12	175	310	0,208	2,0	3.000
1 1/2	40	50 (DIN)	725	16 (DIN)	290	12	175	325	0,218	2,0	3.000
1 2/3	42	50 (DIN)	725	16 (DIN)	290	12	175	335	0,225	2,2	3.000
1 3/4	45	50 (DIN)	725	16 (DIN)	290	12	175	355	0,239	2,2	3.300
2	52	50 (DIN)	725	16 (DIN)	290	12	175	385	0,259	2,2	3.800
2	55	50 (DIN)	725	16 (DIN)	290	12	175	395	0,265	2,2	3.800
2 1/2	64	50 (DIN)	725	16 (DIN)	290	12	175	495	0,333	2,3	5.100
2 1/2	65	50 (DIN)	725	16 (DIN)	290	12	175	500	0,336	2,3	5.100
2 1/2	66	50 (DIN)	725	16 (DIN)	290	12	175	505	0,339	2,3	5.100
2 3/4	70	50 (DIN)	725	16 (DIN)	290	12	175	595	0,400	2,3	5.700
3	75	50 (DIN)	725	16 (DIN)	290	12	175	680	0,457	2,5	6.900
3 1/2	90	35 (DIN)	510	12 (DIN)	175	8	115	850	0,571	2,5	7.600
4	102	35 (DIN)	510	12 (DIN)	175	8	115	995	0,669	3,0	8.000
4 1/3	110	35 (DIN)	510	12 (DIN)	175	8	115	1.100	0,739	3,0	8.600
5	125	35 (DIN)	510	12 (DIN)	175	8	115	1.350	0,907	3,0	12.200
6 (Storz)	150	35 (DIN)	510	12 (DIN)	175	8	115	1.600	1,075	3,0	13.000
6 (Perrot)	154	35 (DIN)	510	12 (DIN)	175	8	115	1.650	1,109	3,0	13.000
8	205	30	435	10	145	7	100	2.250	1,512	3,0	23.000



Applications

suitable for fire brigades,
industry, marine, military,
technical support