

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
- 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



Syntex Unidur
(inside and outside
rubberlined)

Technical Details

Diameter in Inch	Diameter in mm	Minimum Bursting Pressure in bar	Minimum Bursting Pressure in PSI	Working Pressure in bar	Working Pressure in PSI	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 Fire Fighting Hose									
3/4	19	50 (DIN)	725	16 (DIN)	235	190	0,128	2,0	1.700
3/4	20	50 (DIN)	725	16 (DIN)	235	195	0,131	2,0	1.700
3/4	21	50 (DIN)	725	16 (DIN)	235	200	0,134	2,0	1.700
1 (Storz)	25	50 (DIN)	725	16 (DIN)	235	225	0,151	2,0	2.300
1 (Geka)	27	50 (DIN)	725	16 (DIN)	235	235	0,158	2,0	2.300
1 1/4	32	50 (DIN)	725	16 (DIN)	235	290	0,195	2,0	2.600
1 1/2	38	50 (DIN)	725	16 (DIN)	235	310	0,208	2,0	3.000
1 1/2	40	50 (DIN)	725	16 (DIN)	235	325	0,218	2,0	3.000
1 2/3	42	50 (DIN)	725	16 (DIN)	235	335	0,225	2,2	3.000
1 3/4	45	50 (DIN)	725	16 (DIN)	235	355	0,239	2,2	3.300
2	52	50 (DIN)	725	16 (DIN)	235	385	0,259	2,2	3.800
2	55	50 (DIN)	725	16 (DIN)	235	395	0,265	2,2	3.800
2 1/2	64	50 (DIN)	725	16 (DIN)	235	495	0,333	2,3	5.100
2 1/2	65	50 (DIN)	725	16 (DIN)	235	500	0,336	2,3	5.100
2 1/2	66	50 (DIN)	725	16 (DIN)	235	505	0,339	2,3	5.100
2 3/4	70	50 (DIN)	725	16 (DIN)	235	595	0,400	2,3	5.700
3	75	50 (DIN)	725	16 (DIN)	235	680	0,457	2,5	6.900
3 1/2	90	35 (DIN)	510	15	220	850	0,571	2,5	7.600
4	102	35 (DIN)	510	15	220	995	0,669	3,0	8.000
4 1/3	110	35 (DIN)	510	15	220	1.100	0,739	3,0	8.600
5	125	35 (DIN)	510	15	220	1.350	0,907	3,0	12.200
6 (Storz)	150	35 (DIN)	510	12	175	1.600	1,075	3,0	13.000
6 (Perrot)	154	35 (DIN)	510	12	175	1.650	1,109	3,0	13.000
8	205	30	435	10	145	2.250	1,512	3,0	23.000



Applications

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