



hoses during vulcanizing process



twisting process of warp and weft

Uncoated Single Jacket Fire Fighting Hose

**Syntex 500 (white plain) | Syntex Extra (white plain)
Syntex Robust (white plain)**

This hose quality is in the diameters C/42 mm, C/52 mm and B/75 mm available in the performance levels:

L1 – Performance Level 1 – Syntex 500 (white plain)

L2 – Performance Level 2 – Syntex Extra (white plain)

L3 – Performance Level 3 – Syntex Robust (white plain)

The higher the performance level the higher the abrasion resistance of the hose.

Construction

- inside: high-quality, very light synthetic rubber on the basis of EPDM
- outside: jacket of 100 % high tenacity synthetic polyester yarn (colour: white plain), circular-woven twill weave, warp and weft threads multiple twisted

Feature

- very light and flexible hose quality
- minimum maintenance
- extremely resistant to aging and ozone and UV
- excellent abrasion resistance
- 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 1
- M.E.D. 96/98/EC 
- ÖNORM F2105
- Germanischer Lloyd

Approvals or Certificates mailed to you on demand.



**Syntex 500
(white plain)**

impact- and abrasion
protection

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
Uncoated Single Jacket Fire Fighting Hose (white plain)											
1 (Storz)	25	60 (DIN)	870	20	290	16 (DIN)	235	130	0,087	1,50	2.300
1 (Geka)	27	60 (DIN)	870	20	290	16 (DIN)	235	145	0,097	1,50	2.300
1 1/4	32	60 (DIN)	870	20	290	16 (DIN)	235	165	0,111	1,50	2.600
1 1/2	38	60 (DIN)	870	20	290	16 (DIN)	235	190	0,128	1,60	3.200
1 1/2	40	60 (DIN)	870	20	290	16 (DIN)	235	210	0,141	1,60	3.200
1 2/3	42	60 (DIN)	870	20	290	16 (DIN)	235	240	0,161	1,65	4.200
1 3/4	45	60 (DIN)	870	20	290	16 (DIN)	235	235	0,158	1,60	3.800
2	52	60 (DIN)	870	20	290	16 (DIN)	235	290	0,195	1,65	5.800
2 1/6	55	60 (DIN)	870	20	290	16 (DIN)	235	285	0,191	1,65	4.600
2 1/2	64	60 (DIN)	870	20	290	16 (DIN)	235	365	0,245	1,65	5.700
2 1/2	65	60 (DIN)	870	20	290	16 (DIN)	235	370	0,249	1,65	5.700
2 1/2	66	60 (DIN)	870	20	290	16 (DIN)	235	375	0,252	1,65	5.700
2 3/4	70	60 (DIN)	870	20	290	16 (DIN)	235	395	0,265	1,65	6.800
3	75	60 (DIN)	870	20	290	16 (DIN)	235	475	0,319	1,75	8.600
3 1/2	90	35 (DIN)	510	12 (DIN)	175	8	115	580	0,390	1,95	9.100
4	102	35 (DIN)	510	12 (DIN)	175	8	115	660	0,443	1,95	9.500
4 1/3	110	35 (DIN)	510	12 (DIN)	175	8	115	780	0,524	1,95	11.700
5	125	35 (DIN)	510	12 (DIN)	175	8	115	870	0,585	2,10	12.800
6 (Storz)	150	35 (DIN)	510	12 (DIN)	175	8	115	950	0,638	2,10	12.800
6 (Perrot)	154	35 (DIN)	510	12 (DIN)	175	8	115	960	0,645	2,10	12.800
8	205	30	435	10	145	7	100	1.075	0,722	2,10	24.500

The data regarding bursting pressure and working pressure refer only to the pure hose without couplings. Changes in technical specification without prior notice.



Applications

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