

Coated Single Jacket Fire Fighting Hose

Syntex 500 PU (outside coated)


Construction

- inside: high-quality, very light synthetic rubber on the basis of EPDM
- jacket of 100 % high tenacity synthetic polyester yarn, circular-woven twill weave, warp and weft threads multiple twisted
- outside: polyurethane coating (standard colour: red; other on request)

Feature

- increased abrasion and flame resistance by external coating
→ better protection for flying sparks
- 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

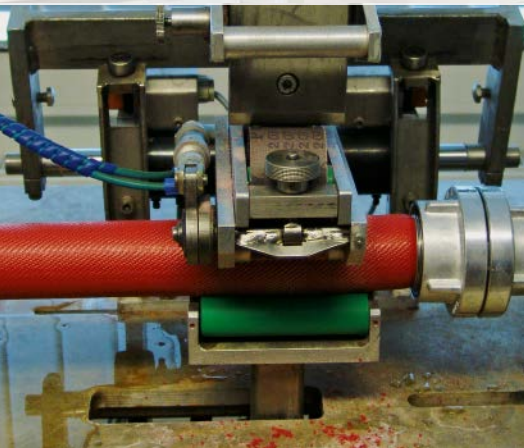
Approvals/Certificates

- DIN 14811:2008-01+A2:2014-08
- BS 6391:2009 Type 2
- M.E.D. 96/98/EC 
- Germanischer Lloyd

Approvals or Certificates mailed to you on demand.



process of manufacturing endless hoses allows us to deliver lengths of more than 500 m in one section



permanent quality assurance in the own test laboratory



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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
Coated Single Jacket Fire Fighting Hose											
1 (Storz)	25	60 (DIN)	870	20	290	16 (DIN)	235	140	0,094	1,50	2.300
1 (Geka)	27	60 (DIN)	870	20	290	16 (DIN)	235	155	0,104	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	205	0,138	1,60	3.200
1 1/2	40	60 (DIN)	870	20	290	16 (DIN)	235	225	0,151	1,60	3.200
1 2/3	42	60 (DIN)	870	20	290	16 (DIN)	235	265	0,178	1,65	4.200
1 3/4	45	60 (DIN)	870	20	290	16 (DIN)	235	280	0,188	1,60	3.800
2	52	60 (DIN)	870	20	290	16 (DIN)	235	315	0,212	1,65	5.800
2 1/6	55	60 (DIN)	870	20	290	16 (DIN)	235	310	0,208	1,65	4.600
2 1/2	64	60 (DIN)	870	20	290	16 (DIN)	235	390	0,262	1,65	5.700
2 1/2	65	60 (DIN)	870	20	290	16 (DIN)	235	395	0,265	1,65	5.700
2 1/2	66	60 (DIN)	870	20	290	16 (DIN)	235	400	0,269	1,65	5.700
2 3/4	70	60 (DIN)	870	20	290	16 (DIN)	235	425	0,286	1,65	6.800
3	75	60 (DIN)	870	20	290	16 (DIN)	235	510	0,343	1,75	8.600
3 1/2	90	35 (DIN)	510	12 (DIN)	175	8	115	615	0,413	1,95	9.100
4	102	35 (DIN)	510	12 (DIN)	175	8	115	695	0,467	1,95	9.500
4 1/3	110	35 (DIN)	510	12 (DIN)	175	8	115	820	0,551	1,95	11.700

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