

HERKULES

Coated single jacket fire hose



The lightweight
and durable coated
fire hose!

APPLICATIONS

- industrial and municipal fire brigades
- military
- marine fire fighting
- commercial and civil engineering

FEATURES

- very lightweight and highly flexible (even at low temperature)
- excellent resistance to heat, weathering and ozone
- inner lining excellent resistant to sea water and a wide range of chemicals (see resistance table in technical appendix)
- hardwearing for long service life
- mildew and rotproof
- easy to repair



GOLLMER & HUMMEL

— The Hosefactory —

HERKULES

Coated single jacket fire hose

Bore size (mm) (inch)		Weight (gr/m) (lbs/ft)		Working pressure* (Bar) (PSI)		Proof pressure (Bar) (PSI)		Bursting pressure (Bar) (PSI)		Article code
HERKULES 2F										
25	1"	135	0.09	16	250	32	500	50	750	11000-025000
38	1 1/2"	215	0.14	16	250	32	500	50	750	11000-038000
42	1 2/3"	230	0.15	16	250	32	500	50	750	11000-042000
45	1 3/4"	250	0.17	16	250	32	500	50	750	11000-045000
52	2"	275	0.18	16	250	32	500	50	750	11000-052000
64	2 1/2"	380	1.26	16	250	32	500	50	750	11000-064000
70	2 3/4"	410	1.28	16	250	32	500	50	750	11000-070000
75	3"	445	1.30	16	250	32	500	50	750	11000-075000
HERKULES 3F										
38	1 1/2"	250	0.17	16	250	32	500	50	750	11500-038000
40	1 3/5"	255	0.17	16	250	32	500	50	750	11500-040000
42	1 2/3"	260	0.17	16	250	32	500	50	750	11500-042000
52	2"	315	0.21	16	250	32	500	50	750	11500-052000
55	2 1/6"	325	0.22	16	250	32	500	50	750	11500-055000
64	2 1/2"	410	0.28	16	250	32	500	50	750	11500-064000
75	3"	490	0.33	16	250	32	500	50	750	11500-075000
102	4"	660	0.44	12	175	24	350	36	525	11500-102000
110	4 1/3"	800	0.54	12	175	24	350	36	525	11500-110000
127	5"	910	0.61	10	150	20	300	30	450	11500-127000
152	6"	1,100	0.74	10	150	20	300	30	450	11500-152000

Standard length : 15, 20, 30 m (50, 66, 100 ft), other lengths on request

Standard colour : red

Service temperature: -30°C up to +100°C (-22°F up to 212°F), based on water

Valid standards : DIN 14811, BS 6391 Type 2 and other national standards

Tolerances can be found in the technical appendix

Change in technical specification without prior notice
10 Bar = 1 MPa

* It is important to note, that the technical data for pressure are only valid for hose and not for hose assembly with couplings!

CONSTRUCTION

Jacket:

- high tenacity multifilament polyester yarn, circular woven in twill weave
- 2F: 2-ply warp threads
- 3F: 3-ply warp threads, heavy duty construction for better abrasion resistance

Lining:

- high grade EPDM rubber, cold flexible, suitable also for hot water
- excellent resistance to sea water, a wide range of chemicals, UV and ozone
- coextruded CR rubber adhesive layer, penetrates during vulcanisation completely into the weaving structure
- this style of rubber lining guarantees a smooth inner tube with low friction loss and an excellent adhesion between lining and jacket

External coating:

- abrasive resistant synthetic coating to withstand the impact of oil, chemicals and heat
- additional protection against mechanical damage at the jacket

SPECIAL OPTIONS

- Single lengths longer than 30 m (100 ft)
25 – 75 mm up to 1,000 m (3,300 ft)
90 – 110 mm up to 500 m (1,650 ft)
- other dimensions
- colour of coating according to customer specification

Note that special options are subject to a higher price and a minimum order of 1,000 m (3,300 ft) per dimension. Production short lengths and over or shortproduction up to 10 % of the total order quantity have to be accepted.

Please enquire for details!



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