



 **GH HERKULES 3F**

H3F

COATED FIRE AND INDUSTRIAL HOSE

APPLICATIONS

- Fire brigades
- Industry
- Shipping
- Military
- Disaster relief
- Construction
- Agriculture

FEATURES

- Very lightweight and highly flexible (also at extremely low temperatures)
- Excellent resistance to heat, ageing and ozone
- Lining extremely resistant to seawater and a wide range of chemicals (see resistance table)
- Tough and durable
- Mildew and rotproof
- acc. DIN 14811 & BS 6391 type 2
- Easy to repair

CONSTRUCTION

Jacket:

- High-tenacity polyester yarn, circular woven in twill weave (much more resistant to abrasion than plain weave)
- 3-ply warp threads, heavy duty construction for better abrasion resistance and increased pressure parameters

Lining:

- High-grade EPDM rubber, flexible at low temperatures, suitable also for hot water, wall thickness 0.8 mm
- Excellent resistance to seawater, chemicals, UV radiation and ozone (much better than e.g. SBR)
- Co-extruded adhesive layer (0.2 mm wall thickness), penetrates during vulcanisation almost completely into the weaving structure
- This type of rubber guarantees a very smooth lining with low friction loss and excellent adhesion between the rubber and jacket

Outer coating:

- Highly abrasion-resistant synthetic coating for better resistance against heat, oil and chemicals
- Extra mechanical protection against jacket damage

PRESSURES

Working pressure:

Specifications apply only to the hose (medium water, 20°C). The potential working pressure may be lower than specified above for hose lines with couplings due to the nominal pressure of the couplings or the type of assembly.

Maximum working pressure:

Approval can only be given by the manufacturer upon clarification of the exact area of application.

STANDARD LENGTH

Up to 60 m

STANDARD COLOR

Red

TEMPERATURE

-40°C to +80°C (specifications apply to water)

INDIVIDUAL SOLUTIONS

- Single lengths longer than 60 m
- Other inner diameters
- Personalised marking also with your company logo
- Professional assembly of all coupling systems suited to layflat hoses

Bore size in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar / PSI	Bursting pressure in bar / PSI	Approvals
25	160	1,9	16 / 230	60 / 870	DIN 14811
38	235	2,1	16 / 230	60 / 870	DIN 14811
40	255	2,1	16 / 230	60 / 870	
42	270	2,1	16 / 230	60 / 870	DIN 14811
45	290	2,1	16 / 230	60 / 870	DIN 14811
52	325	2,1	16 / 230	60 / 870	DIN 14811
55	355	2,1	16 / 230	60 / 870	
65	450	2,2	16 / 230	60 / 870	DIN 14811, BS 6391
70	500	2,2	16 / 230	60 / 870	
75	540	2,2	16 / 230	60 / 870	DIN 14811
110	860	2,3	12 / 175	36 / 520	
152	1.270	2,3	12 / 175	36 / 520	

