GOLLMER & HUMMEL
hoses for heroes

GH HERKULES 2F (BEREGNUNG)

COATED FIRE AND INDUSTRIAL HOSE

MATERIAL CONSTRUCTION

Jacket:

- High-tenacity polyester yarn, circular woven in twill weave (much more resistant to abrasion than plain weave)
- 2-ply warp threads, lightweight, tough and flexible

Lining:

- High-grade EPDM rubber, flexible at low temperatures, also suitable for hot water, wall thickness 0.8 mm
- Excellent resistance to seawater, chemicals, UV radiation and ozone (much better than SBR, for example)
- Co-extruded adhesive layer (0.2 mm wall thickness), penetrates the weave almost completely during vulcanization
- 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

ADVANTAGES

- ✓ Very lightweight and highly flexible (also at extremely low temperatures)
- ✓ Excellent resistance to heat, aging and ozone
- ✓ Lining extremely resistant to seawater and a wide range of chemicals (see resistance table)
- ✓ Tough and durable
- ✓ Resistant to mildew and rot
- ✓ Easy to repair

AT A GLANCE

Standard lengths

- 100 m

i Other lengths available on request (possibly with cutting fee)

Temperature ranges

-40 °C bis 80 °C

(Specifications apply to Water)

Standard colors

red

Areas of application

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

CONTACT

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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.

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DATASHEET METRIC

Inside diameter in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar
25	160	1.6	16	20	50
32	170	1.6	16	20	50
38	195	1.6	16	20	50
45	240	1.6	16	20	50
52	285	1.8	16	20	50
65	340	1.8	16	20	50
70	405	1.8	16	20	50
75	440	1.8	16	20	50
90	565	2.2	10	12	30
102	705	2.2	10	12	30
127	870	2.2	10	12	30
152	1,150	2.2	10	12	30

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