GOLLMER & HUMMEL
hoses for heroes

# GH HERKULES 3F

## COATED TYPE 2 FIRE HOSE & INDUSTRIAL HOSE

### MATERIAL 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, 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**

- 60 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.

## Order hose sample >>

### DATASHEET METRIC

| Inside diameter in mm | Weight in g/m | Wall thickness in mm | Working pressure in bar | Burst pressure in bar | Approval |
|---|---|---|---|---|---|
| 25 | 160 | 1.9 | 16 | 60 | DIN 14811 |
| 38 | 235 | 2.1 | 16 | 60 | DIN 14811 |
| 40 | 255 | 2.1 | 16 | 60 | |
| 42 | 270 | 2.1 | 16 | 60 | DIN 14811 |
| 45 | 290 | 2.1 | 16 | 60 | DIN 14811 |
| 52 | 325 | 2.1 | 16 | 60 | DIN 14811 |
| 55 | 355 | 2.1 | 16 | 60 | |
| 65 | 450 | 2.2 | 16 | 60 | DIN 14811, BS 6391 |
| 70 | 500 | 2.2 | 16 | 60 | |
| 75 | 540 | 2.2 | 16 | 60 | DIN 14811 |
| 110 | 860 | 2.3 | 12 | 36 | |

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