

# GH TITAN 2F (FEUERWEHR)

## UNCOATED CONSTRUCTION & INDUSTRIAL HOSE & TYPE 1 FIRE HOSE

### MATERIAL CONSTRUCTION

#### Jacket:

- High-tenacity polyester yarn, circular woven in twill weave (much more resistant to abrasion than plain weave)
- 2F: 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

### ADVANTAGES

- ✓ Very lightweight and highly flexible (also at extremely low temperatures)
- ✓ Small coil diameter
- ✓ Excellent resistance to aging and ozone
- ✓ Lining extremely resistant to seawater and a wide range of chemicals (see resistance table)
- ✓ 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

white

#### Areas of application

- Fire department
- 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

| Inside diameter<br>in<br>mm | Weight<br>in<br>g/m | Wall thickness<br>in<br>mm | Working pressure<br>in<br>bar | Max. working pressure<br>in<br>bar | Burst pressure<br>in<br>bar |
|-----------------------------|---------------------|----------------------------|-------------------------------|------------------------------------|-----------------------------|
| 20                          | 100                 | 1.5                        | 16                            | 20                                 | 50                          |
| 25                          | 150                 | 1.8                        | 16                            | 20                                 | 60                          |
| 32                          | 160                 | 1.5                        | 16                            | 20                                 | 50                          |
| 38                          | 185                 | 1.5                        | 16                            | 20                                 | 50                          |
| 45                          | 225                 | 1.5                        | 16                            | 20                                 | 50                          |
| 52                          | 260                 | 1.7                        | 16                            | 20                                 | 50                          |
| 65                          | 310                 | 1.7                        | 16                            | 20                                 | 50                          |
| 70                          | 350                 | 1.7                        | 16                            | 20                                 | 50                          |
| 75                          | 400                 | 1.7                        | 16                            | 20                                 | 50                          |
| 90                          | 510                 | 2.1                        | 10                            | 12                                 | 30                          |
| 102                         | 640                 | 2.1                        | 10                            | 12                                 | 30                          |
| 127                         | 750                 | 2.1                        | 10                            | 12                                 | 30                          |
| 152                         | 980                 | 2.1                        | 10                            | 12                                 | 30                          |

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PRODUCT IMAGES

