

Fire hose: GH TITAN 2F



Applications

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

Features

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

Standard length

Up to 100 m Other lengths available on request

Standard color

White

Temperature

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

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, 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

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.

Bore size in inch	Weight in g/m	Wall thickness in mm	Working pressure in bar / PSI	Working pressure max. in bar / PSI	Bursting pressure in bar / PSI
3/4	100	1,5	16 / 230	20 / 290	50 / 725
1	150	1,5	16 / 230	20 / 290	50 / 725
1 1/4	160	1,5	16 / 230	20 / 290	50 / 725
1 1/2	185	1,5	16 / 230	20 / 290	50 / 725
1 3/4	225	1,5	16 / 230	20 / 290	50 / 725
2	260	1,7	16 / 230	20 / 290	50 / 725
2 1/2	310	1,7	16 / 230	20 / 290	50 / 725
2 3/4	350	1,7	16 / 230	20 / 290	50 / 725
3	400	1,7	16 / 230	20 / 290	50 / 725
3 1/2	510	2,1	10 / 145	12 / 175	30 / 435
4	640	2,1	10 / 145	12 / 175	30 / 435
5	750	2,1	10 / 145	12 / 175	30 / 435
6	980	2,1	10 / 145	12 / 175	30 / 435