



 **GH PROGRESS**

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FIRE HOSE WITH RUBBERISED LINING AND JACKET

APPLICATIONS

- Refineries
- Chemical industry
- Military
- Airport fire services
- Industrial and municipal fire brigades
- Fire hose for tough conditions
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- Chemical industry
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- Fire hose for tough conditions

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

CONSTRUCTION

Jacket lining:

- Warp: high-tenacity polyester

Weft: polyamide; circular woven

- The special jacket construction ensures outstanding adhesion and much lower pressure loss compared to a 100% polyester jacket lining
- Totally embedded in the rubber, offering optimum protection against mechanical damage

Rubberised lining and jacket:

- Very high-grade NBR/PVC rubber compound, extruded through the weave in a special one-step production process
- Special additives in the compound guarantee outstanding resistance to ageing and ozone

PRESSURES

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.

DIN 14811 with STORZ couplings:
Ø 25–75 mm: max. working pressure 16 bar

BS 6391:2009 with British Instantaneous couplings:
Ø 38–76 mm: max. working pressure 15 bar
Ø 89: max. working pressure 12 bar

Maximum working pressure:
Approval can only be given by the manufacturer upon clarification of the exact area of application.

Test pressure:
Maintained for 1 min.:
In accordance with DIN 14811:
Ø 25–75: 24 bar

In accordance with BS 6391:2009:

Ø 38–89: 22.5 bar

STANDARD LENGTH

15, 18, 20, 23, 30 m

STANDARD COLOR

Red

TEMPERATURE

Continuous use –20°C to +80°C (water) Temporary up to +100°C (water)

INDIVIDUAL SOLUTIONS

Special design options:

- Single lengths up to 200 m
- Colour according to customer specification
- PROGRESS POLAR flexible version down to temperatures of –30°C
- Other inner diameters

Bore size in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar / PSI	Working pressure max. in bar / PSI	Bursting pressure in bar / PSI	Approvals
Progress						
25	210	2,3	25 / 365	30 / 435	75 / 1090	
38	300	2,3	16 / 230	20 / 290	50 / 725	DIN 14811, BS 6391, Lloyds Register
40	310	2,3	16 / 230	20 / 290	50 / 725	
42	320	2,3	16 / 230	20 / 290	50 / 725	
45	340	2,3	16 / 230	20 / 290	50 / 725	DIN 14811, BS 6391, Lloyds Register
52	400	2,5	16 / 230	20 / 290	50 / 725	DIN 14811, Lloyds Register
55	420	2,5	16 / 230	20 / 290	50 / 725	
64	540	2,6	16 / 230	20 / 290	50 / 725	DIN 14811, BS 6391, Lloyds Register
70	600	2,8	16 / 230	20 / 290	50 / 725	DIN 14811, BS 6391, Lloyds Register
75	650	2,9	16 / 230	20 / 290	50 / 725	DIN 14811, Lloyds Register
89	850	3	16 / 230	20 / 290	50 / 725	
Progress 60						
38	330	2,5	20 / 290	25 / 365	60 / 870	
52	430	2,7	20 / 290	25 / 365	60 / 870	
64	560	2,8	20 / 290	25 / 365	60 / 870	
75	680	3,1	20 / 290	25 / 365	60 / 870	

