

# PROGRESS LIGHT

Rubber covered fire hose, light version



An economic choice  
with all advantages of a  
rubber covered fire hose!

## APPLICATIONS

- refineries
- chemical industry
- military
- airport fire brigades
- marine and offshore installations
- wall cabinet hose (if compliance with BS 6391 / Type 3 is required)

## FEATURES

- resistance to oil, fuel and a wide range of chemicals (see resistance table in technical appendix)
- resistance to heat, UV and ozone
- abrasion resistant
- very low friction loss and low elongation
- lightweight and flexible, small coil diameter
- excellent adhesion between rubber and textile
- no cleaning and drying required
- easy to repair



**GOLLMER & HUMMEL**

— The Hosefactory —

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Bore size (mm) (inch)	Weight		Wall thickness		Working pressure*		Proof pressure		Bursting pressure		Article code
	(gr/m)	(lbs/ft)	(mm)	(inch)	(Bar)	(PSI)	(Bar)	(PSI)	(Bar)	(PSI)	
25 1 "	170	0.11	1.8	0.07	15	220	30	440	45	650	20670-025000
38 1 1/2 "	220	0.15	1.8	0.07	15	220	30	440	45	650	20670-038000
45 1 3/4 "	280	0.19	1.8	0.07	15	220	30	440	45	650	20670-045000
52 2 "	310	0.21	1.8	0.07	15	220	30	440	45	650	20670-052000
64 2 1/2 "	390	0.26	2.0	0.08	15	220	30	440	45	650	20670-064000
70 2 3/4 "	480	0.32	2.0	0.08	15	220	30	440	45	650	20670-070000
75 3 "	600	0.40	2.0	0.08	15	220	30	440	45	650	20670-075000
102 4 "	800	0.54	2.2	0.09	15	220	30	440	45	650	20670-102000
110 4 1/3 "	900	0.61	2.2	0.09	15	220	30	440	45	650	20670-110000

Standard lengths : 15, 20 m (50, 66 ft), in bore size 38/45/64 and 70 mm also 18, 23 and 30 m (60, 75, 100 ft), other lengths on request

Standard colour : red

Service temperature: -20°C up to +100°C (-4°F up to 212°F), based on water

Valid standards : BS 6391 / Type 3 and other national standards

Tolerances can be found in the technical appendix

Change in technical specification without prior notice  
10 Bar = 1 MPa

\* It is important to note, that the technical data for pressure are only valid for hose and not imperative for hose assembly with couplings!

### CONSTRUCTION

#### Textile reinforcement:

- warp: high tenacity polyester  
weft: polyamide; circular woven
- the special weaving design offers a superior adhesion level and flow performance compared to an all polyester weave
- totally embedded in the rubber compound, excellent protected against mechanical damage

#### Lining and cover:

- special high grade formulated NBR / PVC compound extruded "through the weave" in a unique one step production process
- special additives in the compound guarantee superior UV and ageing resistance
- inside: very smooth for minimum friction loss
- outside: smooth for good abrasion resistance, flexibility and small coil diameter

### SPECIAL OPTIONS

- coating of cover pinholes PROGRESS LIGHT LATEX (avoids penetration of harmful liquids into the textile reinforcement)
- lengths up to 100 m (330 ft)
- colour according to customer specification
- cold flexible version PROGRESS LIGHT POLAR down to -30°C (-22°F)

Note that special options are subject to a higher price and a minimum order of 1,000 m (3,300 ft) per dimension. Production short lengths and over-production up to 10% of the total order quantity have to be accepted.

Enquire for details!



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