

PROGRESS

Rubber covered fire hose



**The No. 1
for firefighters
worldwide!**

APPLICATIONS

- refineries
- chemical industry
- military
- fire brigades
- marine and offshore installations
- fire hose for usage under tough conditions

FEATURES

- tough, durable and very abrasion resistant
- resistance to oil, fuel and a wide range of chemicals (see resistance table in technical appendix)
- resistance to heat, UV and ozone
- very low friction loss and low elongation
- 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 (gr/m) (lbs/ft)		Wall thickness (mm) (inch)		Working pressure* (Bar) (PSI)		Proof pressure (Bar) (PSI)		Bursting pressure (Bar) (PSI)		Article code
19	3/4"	160	0.11	2.0	0.08	25	360	50	720	75	1,100	20600-019000
25	1"	180	0.12	2.0	0.08	25	360	50	720	75	1,100	20600-025000
38	1 1/2"	270	0.18	2.0	0.08	16	250	32	500	50	750	20600-038000
40	1 3/5"	290	0.19	2.0	0.08	16	250	32	500	50	750	20600-040000
42	1 2/3"	320	0.22	2.2	0.09	16	250	32	500	50	750	20600-042000
45	1 3/4"	340	0.23	2.2	0.09	16	250	32	500	50	750	20600-045000
52	2"	390	0.26	2.2	0.09	16	250	32	500	50	750	20600-052000
55	2 1/6"	410	0.28	2.2	0.09	16	250	32	500	50	750	20600-055000
64	2 1/2"	470	0.32	2.2	0.09	16	250	32	500	50	750	20600-064000
70	2 3/4"	600	0.40	2.3	0.09	16	250	32	500	50	750	20600-070000
75	3"	650	0.44	2.3	0.09	16	250	32	500	50	750	20600-075000

PROGRESS 60 (minimum order quantity 1,000 m / 3,300 ft)

38	1 1/2"	300	0.20	2.2	0.09	20	300	40	600	60	900	20800-038000
52	2"	430	0.29	2.3	0.09	20	300	40	600	60	900	20800-052000
64	2 1/2"	520	0.35	2.3	0.09	20	300	40	600	60	900	20800-064000
75	3"	720	0.48	2.5	0.10	20	300	40	600	60	900	20800-075000

PROGRESS 90 (minimum order quantity 1,000 m / 3,300 ft)

38	1 1/2"	320	0.22	2.3	0.09	30	435	60	870	90	1,300	20810-038000
52	2"	470	0.28	2.5	0.10	30	435	60	870	90	1,300	20810-052000
64	2 1/2"	560	0.38	2.5	0.10	30	435	60	870	90	1,300	20810-064000

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 length 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, DIN 14811, NFPA 1961 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 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: ribbed for good abrasion resistance and protection against contact heat

SPECIAL OPTIONS

- coating of cover pinholes PROGRESS LATEX (avoids penetration of harmful liquids into the textile reinforcement)
- lengths up to 200 m (660 ft)
- colour according to customer specification
- cold flexible version PROGRESS 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 overproduction up to 10% of the total order quantity have to be accepted.

Enquire for details!

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