

PROGRESS SPEZIAL

Rubber covered fire hose, heavy duty version



Our toughest and most durable fire hose!

APPLICATIONS

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

FEATURES

- superior abrasion resistance, toughness and durability
- resistance to oil, fuel and a wide range of chemicals (see resistance table in technical appendix)
- very good resistance to heat and flame
- very low friction loss and low elongation
- excellent properties against UV and ozone impact
- superior 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
38	1 1/2"	380	0.26	3.2	0.13	20	300	40	600	60	900	20640-038000
40	1 3/8"	400	0.27	3.2	0.13	20	300	40	600	60	900	20640-040000
45	1 3/4"	460	0.31	3.2	0.13	20	300	40	600	60	900	20640-045000
52	2 "	530	0.36	3.2	0.13	20	300	40	600	60	900	20640-052000
64	2 1/2"	700	0.47	3.5	0.14	20	300	40	600	60	900	20640-064000
75	3 "	920	0.62	3.5	0.14	20	300	40	600	60	900	20640-075000

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

19	3/4"	190	0.13	2.3	0.09	30	435	60	870	90	1,300	20651-019000
25	1 "	230	0.15	2.5	0.10	30	435	60	870	90	1,300	20651-025000
38	1 1/2"	400	0.27	3.3	0.13	30	435	60	870	90	1,300	20651-038000
52	2 "	600	0.40	3.6	0.14	30	435	60	870	90	1,300	20651-052000
64	2 1/2"	800	0.54	3.6	0.14	30	435	60	870	90	1,300	20651-064000

PROGRESS SPEZIAL 120 (minimum order quantity 1,000 m / 3,300 ft)

25	1 "	240	0.16	2.5	0.10	40	600	80	1,200	120	1,800	20661-025000
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Standard lengths : 15, 20, 30 m (50, 66, 100 ft), other lengths on request

Standard colour : red, PROGRESS SPEZIAL 90 and 120: yellow
Service temperature: -20°C up to +100°C (-4°F up to 212°F), based on water

Valid standards : NFPA 1961, BS 6391 / Type 3, DIN 14811 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, heavy duty design
- 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: heavy ribbing for superior abrasion resistance and protection against contact heat

SPECIAL OPTIONS

- lengths up to 200 m (660 ft)
- colour according to customer specification
- cold flexible version PROGRESS SPEZIAL 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 or shortproduction up to 10% of the total order quantity have to be accepted.

Please enquire for details!



GOLLMER & HUMMEL GMBH
Gässlesweg 34
D-75334 Straubenhardt
(Industriegebiet Feldrennach)

GOLLMER & HUMMEL
— The Hosefactory —

Telefon +49 (0) 7082 / 9434-0
Telefax +49 (0) 7082 / 9434-99
info@gollmer-hummel.de
www.gollmer-hummel.de