

# PROGRESS SUPPLY

High performance large diameter supply hose



The next hose generation in large scale water movement!

## APPLICATIONS

- refineries and chemical industry
- military, civil defence, industrial and municipal fire brigades
- large volume water supply over long distances
- hose deployment and retrieval systems
- flood disaster prevention

## FEATURES

- continuously high working pressure, excellent peak pressure reserve
- minimum pressure loss, very low elongation under pressure 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
- no cleaning and drying required



**GOLLMER & HUMMEL**

— The Hosefactory —

# PROGRESS SUPPLY

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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
102 4 "	1,000 0.67	3.0 0.12	16 250	32 500	50 750	20600-102000
110 4 1/3"	1,100 0.74	3.0 0.12	16 250	32 500	50 750	20600-110000
127 5 "	1,450 0.97	3.2 0.13	14 200	28 400	42 600	20600-127000
152 6 "	1,850 1.24	3.2 0.13	14 200	28 400	42 600	20600-152000
203 8 "	2,400 1.61	3.3 0.13	10 150	20 300	30 450	20600-203000

## PROGRESS SUPPLY HP

102 4 "	1,150 0.77	3.1 0.12	20 300	40 600	60 900	20750-102000
110 4 1/3"	1,250 0.84	3.2 0.13	20 300	40 600	60 900	20750-110000
127 5 "	1,500 1.00	3.2 0.13	15 225	30 450	45 675	20750-127000
152 6 "	2,000 1.34	3.4 0.13	14 200	28 400	42 600	20750-152000

Standard length : 15, 20 and 30 m (50, 66, 100 ft), other lengths on request

Standard colour : red / yellow, **PROGRESS SUPPLY HP** orange

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

Valid standards : NFPA 1961, DIN 14811 and other national standards

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

Tolerances can be found in the technical appendix

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

## CONSTRUCTION

### Textile reinforcement:

- warp: high tenacity polyester / weft: polyamide; circular woven
- the special weaving design guarantees a high pressure performance, superior adhesion level and flow performance compared to an all polyester weave
- very low elongation due to special manufacturing process
- 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

## COUPLINGS:

- we recommend STORZ-couplings with segment binding (see picture on front page). The segment binding is ideally suitable because it allows very high working pressure and it protects the hose in the binding area!

## SPECIAL OPTIONS:

- lengths up to 200 m (660 ft)
- colour according to customer specification
- cold flexible version **PROGRESS SUPPLY 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!



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