



APPLICATIONS

- Refineries and chemical industries
- Military, civil defense, industrial, and municipal fire departments
- Water supply for major fires or large-scale emergencies
- Supply hose for large quantities of water over long distances
- Flood disaster mitigation

FEATURES

- Very high continuous working pressure with high- pressure reserves
- Low pressure loss, minimum elongation
- Resistant to abrasion, tough, and durable
- Resistant to oil, gasoline, and chemicals
- Resistant to heat, aging, and ozone
- No cleaning or drying required
- Resistance table available upon request

INDIVIDUAL SOLUTIONS

- Single lengths up to 650 ft
- Color according to customer specification
- PROGRESS SUPPLY flexible version acceptable down to temperatures of -22°F
- Additional inner diameters
- Please note that special designs are available for an additional charge with a minimum order of approximately 3,280 ft per cut. Production short lengths and over / underproduction up to 10% of the total order quantity must be accepted.

PRESSURES

- Pressure specifications apply only to the hose and not to pre-assembled hose lines with couplings.

CONSTRUCTION

Jacket Lining

- Warp: high-tenacity polyester.
- Weft: polyamide; circular woven.
- The special jacket construction ensures high continuous working pressure, outstanding adhesion, and much lower pressure loss compared to a 100% polyester jacket.
- Very little elongation under pressure thanks to a special weaving and vulcanization process.
- Completely embedded in the rubber, offering optimum protection against mechanical damage.

Rubberized Lining and Jacket

- 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 aging and ozone.
- Inside: very smooth for minimum pressure loss
- Outside: ribbed for excellent abrasion resistance and protection against contact heat.

STANDARD LENGTHS

- 15, 20 and 30 m, other lengths available on request

STANDARD COLORS

- Red
- Yellow

TEMPERATURE

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

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	BREAKING STRENGTH IN KG
102	1.000	3,3	16 / 230	20 / 290	50 / 725	9.500
110	1.200	3,3	15 / 220	18 / 260	45 / 655	10.500
127	1.400	3,5	14 / 205	17 / 245	42 / 610	17.000
152	1.800	3,7	14 / 205	17 / 245	42 / 610	17.900
203	2.600	3,7	10 / 145	12 / 175	30 / 435	26.900

