DIAMETERS

- 1.50in/38mm
- 1.75in/45mm
- 2.50in/64mm

FUTURE-LINE®

The ultimate in a rapid cleanup, packable, lightweight hose

- Polyurethane covered outer jacket greatly reduces clean-up time and effort
- Excellent packability and extremely light in weight
- Unique Mertex® lining
- Available with the Identify® recessed area for color coding, bar coding and/or identification markings
- Premium all synthetic double jacket
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Available colors as indicated
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

* patent pending

red	1.50"/38mm; 1.75"/45mm; 2.50"/64mm
blue	1.50"/38mm

Hose Spec.	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2m)		Coil Diameter 50' (15.2m)		Service Pressure		Proof Pressure		Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
903	1.50	38	1 13/16	46	10.5	4.8	14.0	35.6	400	2 755	800	5 515	1 200	8 275
905	1.75	44	2	51	14.0	6.4	14.5	36.8	400	2 755	800	5 515	1 200	8 275
907	2.50	64	2 7/8	73	24.4	11.1	17.0	43.2	400	2 755	800	5 515	1 200	8 275

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HOW TO SPECIFY FUTURE-LINE®

THE HOSE SHALL BE DOUBLE JACKET WITH A SERVICE TEST PRESSURE OF 400 PSI / 2755 KPA.

JACKETS

Both inner and outer jackets shall be made with high tenacity filament polyester yarn in both the warp and weft directions, to provide maximum strength and very snag resistant.

The outer jacket shall have a minimum of 10.8 filament polyester weft yarn picks per inch (425 per Meter) and shall have an extruded outer cover of abrasion resistant polyurethane material.

LINING

The lining (waterway) must be made from polyurethane and must be applied using a fused process that welds the polyurethane directly to the textile while the hose is being woven, without the use of adhesives or hot melt. This process allows for the use of high strength Filament Polyester warp and weft yarn due to the superior liner adhesion, and locks fibers together for greater strength while still allowing for a high flexibility. The fused lining process must create a virtually inseparable unit without the use of adhesives, yielding an extremely low friction (pressure) loss by filling in the corrugations of the weave, creating an amazingly thin and smooth waterway. This process produces lower elongation under pressure, and less pull back when water pressure is suddenly shut-off, resulting in a safer hose to work with. The lining shall be approved for use with potable water.

ADHESION

The adhesion shall be such that the rate of separation of a 1 ½" / 38mm strip of polyurethane, transversely cut, shall not be greater than 1/4" / 6mm per minute under a weight of 12 lbs / 5.5 kg.

COLD TEMPERATURE FLEXIBILITY

The hose must remain flexible to -65°F (-55°C).

SERVICE, TEST, BURST PRESSURES

Minimum service, test and burst pressures shall be as detailed in the specification table on the previous page.

KINK TEST

A full length will withstand a hydrostatic pressure of 600 psi / 4140 kPa while kinked.

WEIGHT

Each length of fire hose shall not weigh more than indicated in the specification table.

COUPLING SPECIFICATIONS

Couplings shall be in conformance with the current NFPA standard and made of extruded aluminum, hard coated a minimum of .002" thick. The male coupling and female swivel nut must both have a recessed area to facilitate color and bar coding and/or identification markings.

They shall be manufactured in North America and permanently labeled with country of origin. They shall be expansion ring type.

MANUFACTURE

Both hose and couplings must be manufactured in North America and be NAFTA compliant.