MERCEDES TEXTILES LIMITED
FORESTRY PRODUCTS

MYTI-FLO®

A circular woven, seamless, all synthetic hose featuring "lowest friction loss lining."

Applications

- Forestry mop-up and sprinkler hose
- Cottage and forestry home values protection hose
- Decontamination and wash down hose
- Industrial applications hose
- Marine fire hose and RV potable water (when specified)

DIAMETERS

- 5/8in/16mm
- 3/4in/19mm

Features and Benefits

- Seamless, light weight, and multipurpose
- Unique Mertex® lining
- Premium all synthetic single jacket
- Available with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- Remains flexible to -65° F (-55° C)
- Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual
- Available with both GHT and patented Baby Merlug® ¾"/19mm QC couplings

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
810	5/8	16	N/A	N/A	1.5	0.7	8.0	20.3	250	1 725	500	3 450	750	5 175
719	3/4	19	N/A	N/A	1.7	0.8	8.0	20.3	250	1 725	500	3 450	750	5 175

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HOW TO SPECIFY MYTI-FLO®

THE HOSE SHALL BE SINGLE JACKET WITH A SERVICE TEST PRESSURE OF 250 PSI / 1725 KPA.

JACKET
The hose jacket shall be made with high tenacity filament polyester yarn in both the warp and weft directions, to provide maximum strength to weight ratio and shall have a minimum filler (weft) yarns of 12.3 per inch (484 per Meter).

When requested the jacket shall be impregnated in one of the standard NFPA colors with high performance polymeric dispersion.

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. 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 ultra thin and smooth waterway. Fire hose made using adhesives of any type do not meet this specification. 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.

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
The hose shall be available with both GHT and ¾" 19mm quarter-turn threadless (QC) couplings.

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

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