



FEATURES

- Designed for mop-up operations and decontamination
- All Polyester Single Jacket Forestry Fire Hose
- Exclusive PU based Color Coating to Aid Abrasion Resistance and Color Leaching
- Thin wall surface to reduce weight for the total hose length making it lightweight and compact
- Single ply extrusion of a synthetic elastomer highly resistant to electrolysis



PENCIL LINE

SINGLE JACKET FORESTRY HOSE

HOSE SIZE AND SPECIFICATIONS

INSIDE DIAMETER	COIL DIAMETER 50 FT	WEIGHT/FT. COUPLED	WORKING PRESSURE	TEST PRESSURE	BURST PRESSURE
INCHES	INCHES	POUNDS	PSI	PSI	PSI
5/8"	6"	.02 lbs	150 psi	300 psi	450 psi
3/4"	6"	.02 lbs	150 psi	300 psi	450 psi

- Lengths available to 100'
- Standard Brass GHT Fittings
- Diameters: 5/8", 3/4"
- Lengths: 50', 100'
- Temperature Range: -65° to -112°
- Color: Yellow

Meets All the Requirements of
NFPA 1961 (1960) Standard on
Fire Hose

SCOPE

MaTex Pencil Line supplied under the specification is a premium quality single-jacket municipal fire hose. All materials used in the fabrication of the hose shall be of the *best quality commercially available*. MaTex Pencil Line is manufactured to meet NFPA 1961 (1960) standards.

JACKETS

The jackets shall be evenly and firmly woven, free from unsightly defects, dirt, knots, lumps, irregularities or twist that might affect the serviceability of the finished product. Each jacket shall be seamless and shall have polyester filler yarns woven around the hose throughout its length, with the warp ends interwoven with the warp yarn covering the filler yarns. Warp ends shall be a polyester developed, designed and processed for the fire hose jacket warp yarns. The use of nylon, polyamide, or rayon yarns used in the warp or filler direction is not allowed. Filler yarns for the jacket shall be high-tenacity filament polyester developed, designed, and processed for the fire hose jacket filler yarns. These filament polyester yarns shall be free from defects that are unsightly or may affect the serviceability of the finished hose. The polyester warp ends must completely cover and protect the filament polyester filler yarns.

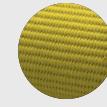
HYDROSTATIC TEST

Hydrostatic tests shall be conducted on hose equipped with the couplings to be delivered in accordance with NFPA 1961. Each length of hose is to be subjected to a hydrostatic proof test pressure of 150 psi for at least 15 seconds and not more than 1 minute. Higher test pressures which may weaken the hose are expressly forbidden.

LOW TEMPERATURE FLEXIBILITY

The hose shall be capable of performing in sub-zero conditions. A 3-foot section of hose shall be exposed to a temperature of $-54^{\circ} + / - 2^{\circ}$ C ($-65^{\circ} + / - 3^{\circ}$ F) for a period of 24 hours. At the end of the exposure period, and while maintained at the -55° C exposure temperature, the hose shall be rapidly bent 180° double on itself, first one way and then the other. There shall be no cracking or breaking of the jacket or liner. Leakage shall be cause for rejection.

COLOR



YELLOW

IMPREGNATION

The color impregnation is applied to the outer jacket by a mechanical process which increases abrasion resistance by 2 times over non-impregnation. It greatly increases heat and flame resistance, almost eliminates water pickup and adds superb resistance to petrochemicals and displays extreme resistance to bacterial and mildew growth. Colors available: Yellow. Other colors may be available with MOQ.

LINING

The lining shall be a single ply extrusion of a synthetic elastomer highly resistant to electrolysis creating a thin wall surface to reduce weight for the total hose length. Minimum tensile strength shall be 1200 psi on a 1 1/2" strip.

BURST TEST

A 3-foot sample of hose chosen at random shall stand without failure a hydrostatic pressure of 450 psi while lying straight or curved on a 27" radius. Retention of the coupling to the hose shall equal or exceed the burst pressure.

ADHESION

The adhesion shall be such that the rate of separation of a 1 1/2" strip of lining, transversely cut, shall not be greater than 1" per minute under a weight of 8 lbs. No Exceptions. Thickness of liner and adhesive shall not exceed 0.015".

WARRANTY

The fire hose furnished under the terms of this proposal includes a one year limited warranty. This warranty shall provide for the repair or replacement of hose and couplings proven to have failed due to faulty material or workmanship.