

## DIAMETERS

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

# X-STREAM<sup>®</sup> PLUS

Designed for aggressive Interior Attack where excellent abrasion and cut resistance and color coded attack lines are essential.

- » Features our 2-10-L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")
- » Comes standard with Mertex Wayout<sup>®</sup> couplings
- » Standard with the Identify<sup>®</sup> recessed area for color coding, bar coding and/or identification markings
- » Premium all synthetic double jacket
- » Standard with Technolac<sup>™</sup> treatment in eight (8) NFPA colors options
- » Remains flexible to -35° F (-36° C)
- » Exceeds NFPA 1961 and UL Standard Performance requirements



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
	1.75	45	2 1/8	54	18.5	8.4	16.5	41.9	500	3 450	1 000	6 900	1 500	10 345
	2.50	64	3	76	26.5	12.0	17.0	43.2	400	2 755	800	5 515	1 200	8 275

### PRESSURE LOSS AT NOZZLE (100' / 30.5m)

US GPM	50	75	100	125	150	175	200	225	250	275	300
LPM	190	284	379	474	569	663	758	853	948	1 042	1 137
1.75	45 mm	3.0	6.0	9.6	14.9	21.0	38.0	57.0			
2.50	64 mm			1.2	2.3	3.0	4.8	8.5			



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# HOW TO SPECIFY X-STREAM<sup>®</sup> PLUS

**THE HOSE SHALL BE DOUBLE JACKET WITH SERVICE TEST PRESSURES AS DETAILED ON THE PREVIOUS PAGE.**

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## **HOSE CONSTRUCTION**

X-Stream<sup>®</sup> Plus combines an optimized synthetic woven outer jacket with the latest matrix encapsulated layflat rubber hose inner. The result is a high burst hose with unsurpassed abrasion and cut resistance and yet minimal drag resistance.

## **OUTER JACKET**

The outer jacket shall be fabricated from high tenacity spun yarn of 8/7 type. Larger diameter yarns are unacceptable. The jacket shall be impregnated with an abrasion resistant elastomer to optimize abrasion resistance and minimize water absorption in one of eight Standard NFPA colors. Outer Jackets made with filament yarns create handling problems and are unacceptable and do not meet this specification.

## **INNER HOSE**

The commercially available inner hose shall be constructed from a high quality synthetic woven jacket embedded in a matrix of nitrile rubber. This through the weave hose will have a minimum burst of 900 psi / 6200kPa.

## **THE ASSEMBLY**

The Hose assembly shall meet all the burst and hydrostatic data in the table attached and exceed the latest NFPA Standard 1961 and related standards. It will also be capable of use down to -35° F (-36° C). It shall be Ozone resistant, heat resistant and resistant to most chemicals and oils.

## **COUPLINGS**

The Hard Coat anodized couplings shall be manufactured in North America, and permanently labeled with country of origin. The female coupling shall have at least 3 reflective arrows, in order to be visible from any position. The reflective arrows must be engraved into and below the surface of the coupling, to resist abrasion. The arrows must point in the direction of the water source for a standard hose connection.

The male coupling and female swivel nut must both have a recessed area to facilitate color and bar coding and/or identification markings.

## **MAINTENANCE**

The Hose assembly shall not support mold or mildew growth.

## **WARRANTY**

The fire hose shall have a 2-10-L warranty, as described below.  
"2" denotes Two year "all hazards" warranty against any damage incurred during firefighting applications

"10" denotes Ten year warranty against manufacturing defects

"L" denotes Lifetime warranty against liner delamination

Any claims shall be processed on a company issued RGA form. Repairs/replacements shall be at the discretion of the manufacturer.