

DIAMETERS

- 1.50in/38mm
- 2.00in/51mm
- 2.50in/64mm
- 3.00in/76mm

SNOWBLASTER 2000®

The ultimate in snowmaking hose

- » Superior performance and durability withstands the rigorous demands of high pressure snow making and winter environments
- » Remains flexible to -65° F (-55° C)
- » Unique Mertex® lining
- » Premium all synthetic double jacket
- » Standard with Permatek HP™ treatment against abrasion, moisture pick up and mildew
- » Available with the IDentify® recessed area for reflective or bar coding and/or identification markings on the coupling.
- » Resistant to most chemicals, petrol products, ozone and U.V. exposure, hydrolysis, rot and mildew
- » Meets or exceeds all performance requirements of NFPA 1961, Underwriters Laboratories and Factory Mutual

clear

tan

black

orange

red

blue

green

yellow

purple

Hose Spec.	Trade Size		Bowl Size		Weight Un-coupled 50' (15.2m)		Coil Diameter 50' (15.2m)		Max. Working Pressure		Factory Test Pressure		Factory Burst Pressure	
	In.	mm	In.	mm	Lbs	Kg	In.	Cm.	PSI	kPa	PSI	kPa	PSI	kPa
620	1.5	38	1 13/16	46	12	5.5	16	40.6	650	4 480	800	5 515	2 000	13 775
621	2	51	2 5/16	59	18.5	8.4	16	40.6	650	4 480	800	5 515	2 000	13 775
654	2.5	64	2 13/16	71	22	10	16	40.6	600	4 140	800	5 515	1 800	12 400
655	3	76	3 3/8	86	34	15.5	16	40.6	650	4 480	800	5 515	1 950	13 440

All hoses are water tested to 800 PSI (5 515 kPa) as a coupled assembly at the factory, to ensure hose integrity and coupling retention. Random samples are also subjected to a burst pressure test per the above table, for design requirements. Note that all hose will deteriorate over time based on such factors as usage, environmental, etc.



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HOW TO SPECIFY SNOWBLASTER 2000®

THE HOSE SHALL BE DOUBLE JACKET WITH SERVICE TEST PRESSURES AS SPECIFIED ON THE PREVIOUS PAGE

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JACKETS

The inner alone shall be a NFPA compliant Attack hose made with 100% filament polyester warp & weft yarn. The outer jacket shall be made with virgin spun polyester warp yarn and a minimum of 10.8 filament polyester weft yarn picks per inch (425 per Meter). The outer 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 1/2" / 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 AND 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. They shall be manufactured in North America and permanently labeled with country of origin.

The couplings must have a recessed area to facilitate color and bar coding and/or identification markings.

MANUFACTURE

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