

DIAMETERS

- 4.00in/102mm
- 5.00in/127mm
- 6.00in/152mm

DELUGE™

Designed for high volume water supply where excellent friction loss, packability and cold temperature flexibility are critical.

- » When specified, available with Hydowick Storz couplings with "Lock Protector" technology, in sizes 4" & 5" (102 & 127 mm)
- » Available with Hydowick Gold Anodized Storz couplings with the iReflect® lock levers and "Lock Protector" technology in sizes 4" & 5" (102 mm & 127 mm).
These couplings also feature the identify® recessed area for color coding, bar coding and/or identification markings
- » Various threaded and other lightweight Storz couplings available
- » Remains flexible to -35° F (-36° C)
- » Meets UL requirements and can be labeled upon request in sizes 4" & 5" (102 & 127 mm)
- » Carries a Five (5) Year Warranty
- » With iReflect® technology couplings, Deluge™ carries a 2-10-L warranty ("2 year All Hazards", "10 year against manufacturing defects" and "Lifetime against delamination")

orange	5in/127mm, 6in/152mm
red	4in/102mm, 5in/127mm
blue	5in/127mm
yellow	4in/102mm, 5in/127mm

† Colors only available in sizes as indicated

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
4.00	102	4 3/8	111	37.1	16.9	18.0	46.0	250	1 725	500	3 450	750	5 175
5.00	127	5 3/8	137	47.9	21.8	18.5	47.0	200	1 375	400	2 755	600	4 140
6.00	152	6 3/8	162	53	24.1	19.0	48.0	200	1 375	400	2 755	600	4 140
PRESSURE LOSS AT NOZZLE (100' / 30.5m)													
In.	mm	US GPM	400	600	800	1 000	1 250	1 500	1 750	2 000	2 250	2 500	3 000
		LPM	1 516	2 274	3 032	3 790	4 738	5 685	6 633	7 580	8 528	9 475	11 370
4.00	102		1.4	3.2	5.9	9.1	13.7	20.5	27.5				
5.00	127		0.5	1.2	2.1	3.4	5.1	7.6	9.1	13.1			30.2
6.00	152					1.35		3.0		5.5			12.0



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HOW TO SPECIFY DELUGE™

THE HOSE SHALL BE SYNTHETIC RUBBER SUPPLY HOSE WITH MINIMUM SERVICE TEST PRESSURES AS DETAILED IN THE TABLE ON THE PREVIOUS PAGE

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HOSE CONSTRUCTION

Hose shall be constructed of top quality synthetic yarns woven into an optimized web and then encased in a matrix of scientifically designed nitrile rubber. The resultant hose shall have excellent strength, low temperature flexibility, abrasion, oil and chemical resistance and low friction loss.

HOSE PHYSICAL PROPERTIES

Hose shall exceed all of the requirements of the latest NFPA 1961 Standard for Supply Fire Hoses. Underwriters Laboratories listing shall be available where applicable. Hose shall be flexible down to -35° F (-36° C) and be resistant to environmental pollutants. Hose shall be Ozone Resistant. Hose shall be Abrasion Resistant. When tested using the procedure listed in ASTM D2215, the hose reinforcement shall not show signs of damage after 15,000 cycles. Hose shall resist water absorption. When tested using the procedure listed in MIL STD 24606, water absorption shall be less than 1.0 lbs (0.45 Kg) per 100 feet (30.5 M).

PACKABILITY AVERAGED OVER 1000 FEET

100' (30.5 M) of 4" (102 mm) hose, as supplied, shall be capable of occupying a space not greater than 3.89 cu ft (0.11 cu M). 100' (30.5 M) of 5" (127 mm) hose, as supplied, shall be capable of occupying a space not greater than 4.48 cu ft (0.127 cu M).

WEIGHT, FLOW CHARACTERISTICS, SERVICE, TEST AND BURST PRESSURES

These shall be as detailed in the table on the previous page

COUPLING SPECIFICATIONS

The hose couplings shall have the country of origin legibly marked on the outside surface as required in NFPA 1963. When Storz couplings are specified, hose must have a coupling that features "lock protector" technology.

When Gold anodized finish is specified, the Storz lock lever must have recessed reflective material to facilitate rapid identification and night time visibility. The couplings must have a recessed engraved arrow indicating the direction of coupling engagement as well as a reflective lock indicator located 180 degrees opposite the lock lever. These recessed reflective arrows and lock indicator must also provide nighttime visibility.

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

The couplings must be manufactured in North America and be NAFTA compliant.

WARRANTY

The hose must carry a Five (5) Year Warranty*

When gold anodized Storz couplings are requested the hose must carry a "2 year All Hazards warranty", a "10 year warranty against manufacturing defects" and a "Lifetime warranty against delamination"

INNOVATION DELIVERED.