

DIAMETERS

- 1.50in/38mm
- 1.75in/45 mm
- 2.00in/51mm
- 2.50in/64 mm

FLASHFLOOD 500™

Lightweight 3rd generation layflat oil resistant rubber fire hose for industrial fire protection

- » Meets UL requirements and can be labeled upon request in all sizes
- » Available colors: As indicated
- » Exceeds NFPA 1961 and UL standard performance requirements
- » Maintenance free so it can just be wiped down and returned to service
- » Highly resistant to fuels, chemicals, oils, heat and environmental pollutants and is impervious to molds, mildew and other airborne organisms

Red	All sizes
Blue	All sizes
Black	1.50in/45mm, 2.50/64mm
Yellow	All sizes

† 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
1 1/2	38	1 3/4	44	11.0	5.0	12.5	31.8	250	1 725	500	3 450	750	5 175
1 3/4	45	2	51	14.0	6.4	13.5	34.3	250	1 725	500	3 450	750	5 175
2	51	2 3/16	56	17.5	8.0	14.0	35.6	250	1 725	500	3 450	750	5 175
2 1/2	64	2 3/4	70	20.0	9.1	14.5	36.8	250	1 725	500	3 450	750	5 175

PRESSURE LOSS AT NOZZLE (100' / 30.5m)													
In.	mm	60 gpm	80 gpm	100 gpm	125 gpm	150 gpm	175 gpm	200 gpm	225 gpm	250 gpm	275 gpm	300 gpm	400 gpm
1 1/2	38	7.2	13.1	21.0		47.5							
1 3/4	45	3.5	6.1	9.6		21.3		40.0		59.0			
2	51	1.4	2.4	3.9				16.0				35.0	
2 1/2	64			1.1		2.9		4.7		8.0		11.8	20.0



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HOW TO SPECIFY

FLASHFLOOD⁵⁰⁰TM

THE HOSE SHALL BE SYNTHETIC RUBBER 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.

WARRANTY

Hose assemblies, as supplied, shall have a two (2) year warranty against defects in materials and workmanship. Returns under this warranty shall be controlled by an RGO # system. Repair or replacement of hose is at the sole discretion of the Manufacturer.

HOSE PHYSICAL PROPERTIES

Hose shall exceed all of the requirements of the latest NFPA 1961 Standard for Industrial Rubber 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. 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).

WEIGHT, FLOW CHARACTERISTICS, SERVICE, TEST AND BURST PRESSURES

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

COUPLING SPECIFICATION

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. They shall be expansion ring type.