

**SHIELD**<sup>TM</sup>

# SHIELDFLEX

**SPRINKLER DROP**

**Quick & Easy Installation**





# SHIELDFLEX SPRINKLER DROP

Save time! Save labor! Save money!

SHIELDFLEX Sprinkler Drops are designed to significantly reduce labour and installation costs. Available in 5 different lengths with 1/2" or 3/4" NPT on reducer thread.

## Technical Data Unbraided Model: SDF-N, UL / ULC Listed

Temperature	225°F / 107°C	
Working Pressure	175 psi	
Connection	Inlet	1" NPT / BSPT
	Outlet	1/2" or 3/4" NPT
Maximum Bend Radius	*Do not bend within 2.52 inches from the connection nuts.	
Maximum Number of Bend	Refer to Friction Loss Data	
K- Factor	1/2" Outlet	5.6 gpm
	3/4" Outlet	14.0 gpm
Bending angles(flow direction)	Up to 180 degree	
Length in mm	700, 1000, 1200, 1500 & 1800	

Unbraided Flexible Tube



Braided Flexible Tube



## Technical Data Braided Model: SDF-B, UL / ULC / FM Listed

Temperature	225°F / 107°C	
Working Pressure	200 psi	
Connection	Inlet	1" NPT / BSPT
	Outlet	1/2" or 3/4" NPT
Maximum Bend Radius	*Do not bend within 2.52 inches from the connection nuts.	
Maximum Number of Bend	Refer to Friction Loss Data	
K- Factor	1/2" Outlet	5.6 gpm
	3/4" Outlet	14.0 gpm
Bending angles(flow direction)	Up to 180 degree	
Length in mm	700, 1000, 1200, 1500 & 1800	

Inlet Nipples



Bottom Up Reducer



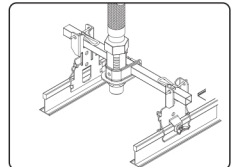
Center Brackets



Square Bar



Wing Brackets



## Features

Intended use: Wet and Dry System

## Friction Loss Data

Length (mm)	Outlet Connection	Maximum Number of 90° Bends	Minimum Bend Radius, in.	Equivalent Length of 1 in. Schedule 40 pipe, (C=120),ft
700	1/2"	1	6	12
	3/4"	1	6	17
1000	1/2"	1	6	43
	3/4"	1	6	53
1200	1/2"	2	6	65
	3/4"	2	6	77
1500	1/2"	2	6	87
	3/4"	2	6	100
1800	1/2"	2	6	107
	3/4"	2	6	122

\* SHIELD reserves the right to change the contents without notice

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