



PRODUCT DATA SHEET

PARADISE (FESCO)
28m FLEXIBLE
SPRINKLER DROPPERS
FM APPROVED

1. PRODUCT DESCRIPTION

PARADISE (FESCO) Flexible Sprinkler Droppers are a complete assembly for installation into new or retro-fitted commercial suspended ceilings. The assembly includes 28mm diameter corrugated stainless steel flexible hose with a braided stainless steel exterior, an inlet nipple for connection to the sprinkler system branch piping and an outlet reducer to take 15mm sprinkler head. Also included is a support bar, grid brackets and a nozzle bracket. Optional extra items include 10mm & 20mm straight sprinkler nozzles, a 90° angle nozzle, and longer grid brackets for concealed sprinklers. Available in various lengths: 700mm, 1000mm, 1200mm, 1500mm, and 1800mm.



Figure 1: Straight Outlet (Standard)



Figure 2: Angle Outlet

2. TECHNICAL SPECIFICATIONS

Inlet Size: 25mm BSP

Outlet Sizes: 15mm (standard) 10mm & 20mm—optional

Temperature: Maximum ambient 149°C (300°F)

Pressure: Maximum working Pressure: 1380Kpa (200psi) Test Pressure: 2760 Kpa (400psi)

Minimum Bend Radius: 300mm (12 inches)

Maximum number of bends per hose: 3 (Three)

Complies with:

1. FM Class 1637 Approval
2. AS 2118.1 -1999 "Automatic fire sprinkler systems - General requirements".
3. Activfire listings: AFP-2356 for BSSN series; AFP-2357 for BASN series.

Length details:

Model Number / Product code	Nominal length	Overall length (hose assy. plus inlet & outlet nipples)	Average maximum equivalent length of 25nb sched. 40 pipe
FPSJ-BSSN / FDB28700	700mm	670mm	1.9M
FPSJ-BSSN / FDB281000	1000mm	970mm	3.4M
FPSJ-BSSN / FDB281200	1200mm	1170mm	4.3M
FPSJ-BSSN / FDB281500	1500mm	1470mm	5.7M
FPSJ-BSSN / FDB281800	1800mm	1770mm	7.1M

3. COMPONENTS SUPPLIED

Paradise droppers are supplied with the following items:

- 1 x 1400mm long grid bar
- 2 x standard grid brackets
- 1 x connecting nipple
- 1 x nozzle—straight 25 x 15mm
- 1 x nozzle bracket

Optional extra items available:

- 90° angle nozzle
- Joining nipple—to join 2 droppers together
- Connecting nipple 25mm NPT
- Long grid bracket—for concealed sprinklers
- Reducing nozzle 10mm BSP
- Reducing nozzle 20mm BSP

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