

Handline Nozzles

F-50 Hose Reel Foam Nozzle



Description

The ORION F-50 Mk2 hose reel foam nozzle is a simple foam branchpipe with foam pick up capability. The F-50 can be used with pre-mixed foam on fire tankers or as a pick-up nozzle on hose reels. It is designed for use with ORION Hydrofilm AFFF and other low expansion fire fighting foams. The F-50 is well suited for use with Class A or bush fire foams such as ORION CARBEX.

The F-50 foam branchpipe complies with the requirements of AS 1940.

The F-50 can be customised to work at different pressures.

The F-50 can be custom made to accurately proportion ARAFFF concentrates.

CAUTION:

Foam inducing branchpipes and nozzles only work accurately within about 100 kPa of the nominated pressure. They will under proportioner at higher pressures. Contact us for advice for your application.

Specifications

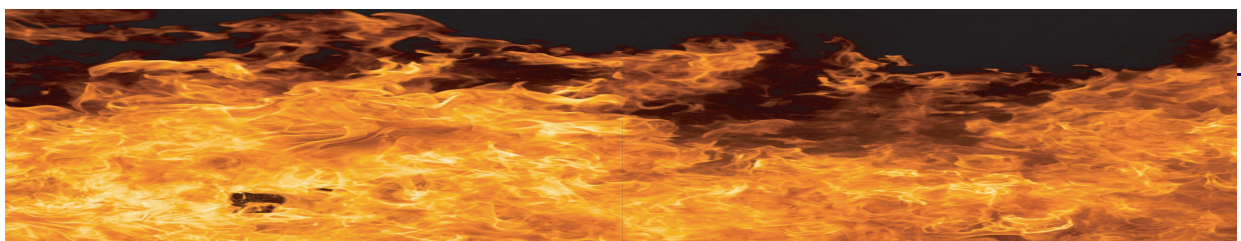
Flow:	29 lpm @ 220 kPa
Throw:	5 to 12 meters (220 kPa to 700 kPa)
Length:	504mm
Diameter:	38mm
Weight:	0.55kg
Construction:	Anodised aluminium
Operating Pressure:	220 to 330 kPa **
Induction:	3%, 6% and ARAFFF* <i>specify when ordering</i>

* White insert 3%, black insert 6%, no insert ARAFFF 6% (remove pick-up tube to view insert) **

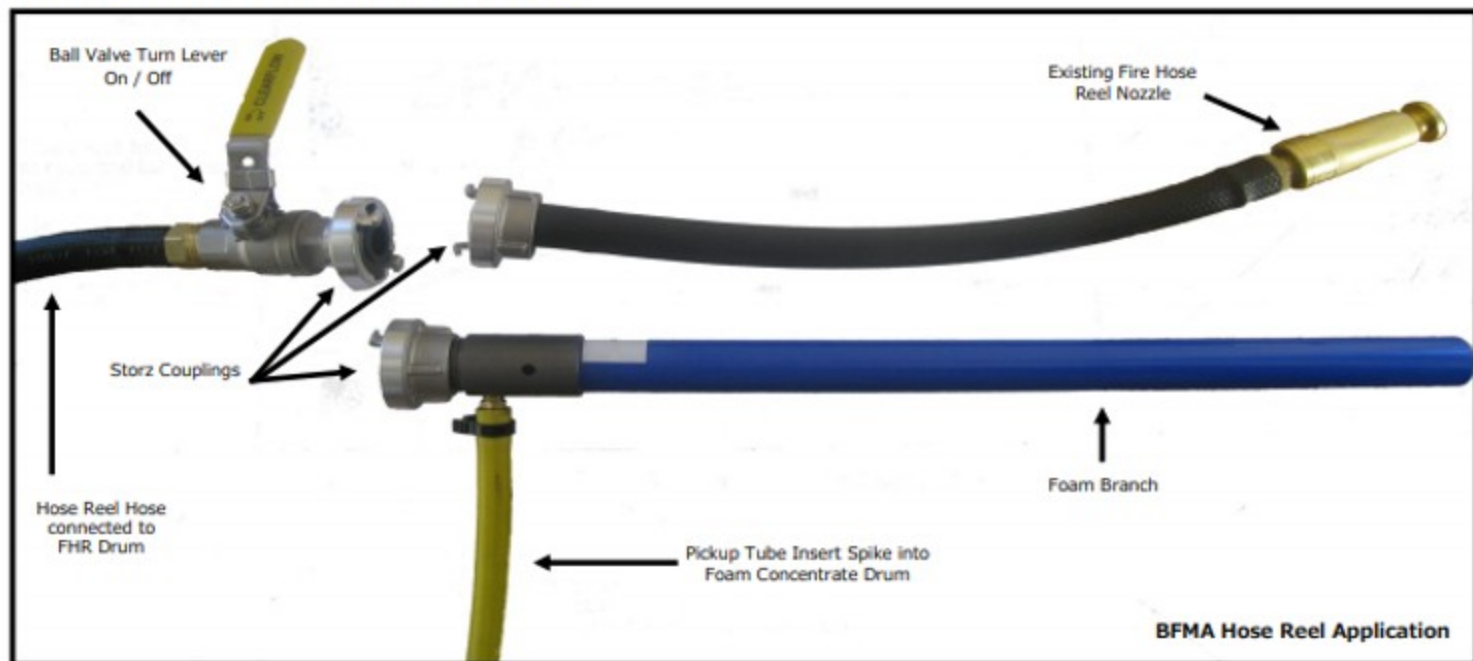
Can operate up to 1000kPa with special Metering Orifice (available on request)

Options

1. Storz couplings
2. Ball shut-off
3. Hose reel conversion kit – as shown above



BFMA HOSE REEL APPLICATION:



BFMA BASIC OPERATING INSTRUCTIONS:

Please refer to the photo 'BFMA Hose Reel Application' for part identification/explanation of AWFS product and to check setup against your existing unit (Located Above).

To Operate with Foam Branch on the Fire Hose Reel:

Disconnect the existing Fire Hose Reel nozzle by twisting the Storz connection at the Ball Valve and pulling the fittings apart.

- Connect the Foam Branch onto the fire hose reel at the Ball Valve by pushing and twisting the Storz fittings together. Once they are connected properly you should not be able to pull them apart without twisting first.
- Turn on the fire hose reel as per the instruction label located on the front of the fire hose reel.
- At the Ball Valve behind the foam branch pull lever to the ON position.
- Insert the spike at the end of the Foam Branch Pickup Tube into the drum of AFFF foam solution.
- As water flows through the fire hose reel and into the foam branch, the foam solution will be inducted up into the foam branch and expelled.

To Operate Fire Hose Reel with a Standard Fire Hose Reel Nozzle:

- Ensure the Fire Hose Reel nozzle is connected onto the Ball Valve prior to operating fire hose reel.
- Turn on the fire hose reel as per the instruction label located on the front of the fire hose reel.
- At the Ball Valve near the nozzle pull lever to the ON position.

