

## SELF-EDUCTING FOAM NOZZLE - TFT

# HARDWARE



### Description

The Task Force Tips® MASTER FOAM nozzle is a simple and rugged self-educing foam nozzle with superior stream quality and reach. This fixed flow fog nozzle rated at 100 psi (7 bar) is available with an optional flow rate of 250, 350, 500, 750 or 1000 gpm (946, 1325, 1893, 2839, 3785 l/min). Fog angle is user adjustable between 90° wide fog and straight stream. The nozzle's baffle is easily removed for flushing debris. The standard swivel coupling is 2.5" NH, NPSH, or BSP (65 mm) female threads.

The simple flow geometry (patent pending) can educt foam concentrate at .5%, 1%, 3%, or 6% with no small passages to clog. Percentage is easily set with an interchangeable orifice plate. A set of calibrated foam orifice plates is included. Nozzle comes with an industrial grade UV resistant, 8 feet long, 1.5" diameter (2.4 m x 38 mm) concentrate hose with a cam lock fitting for quick and secure attachment to the nozzle.

The simple and basic design requires no grease or other maintenance. The halo ring/stream shaper is made from non-corrosive high temperature polymer. The rubber bumper is UV resistant. The MASTER FOAM self-educing nozzle is available in hardcoat anodized ANSI A356.0.T6 aluminum. All MASTER FOAM nozzles accept the FJ-LX-M FOAMJET low expansion air-aspirating attachment.



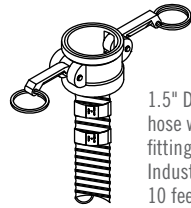
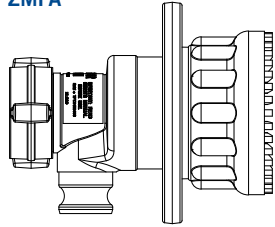
### Specifications

K-factor	500 gpm at 100 psi - K-factor = 50 (1893 l/min at 7 bar)
Flow Rate	500 gpm (1893 l/min)
Pressure	100 psi (7 bar)
Flow Control Method	Fixed flow at a pressure (constant flow rate; flow does not change with pattern)
Coupling Size (Nozzles)	2.5 inch (65 mm)
Coupling Style (Nozzles)	Rocker
Coupling Swiveling/Rigid (Nozzles)	Swivel (non-full time, no swivel after tightening)
Pattern Actuation Method	Manual with Halo
Certifications	N/A





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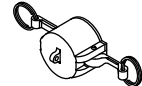
**Dimensional Information**

**ZMFA**



1.5" Diameter concentrate hose with one 1.5" cam lock fitting, one 2" cam lock fitting. Industrial grade, UV resistant, 10 feet (3 m) long.




  
 .5% 1% 3% 6%  
 Calibrated foam orifice plates



Dust cap with cam lock fitting

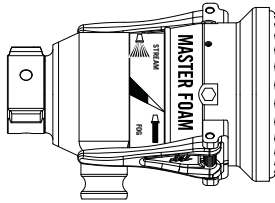
**THREADS (SWIVEL) 2.5" (65 MM)**

- 1) 2.5" - 7.5 NH Female
- 2) 2.5" - 11 BSP Female
- 3) 2.5" - 11.5 NPSH Female
- 4) 2.5" SPECIAL THREADS



**FLOW @ 100 PSI (7 BAR)**

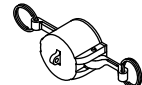
- 0) 250 gpm (946 l/min) - K-factor = 25
- 1) 350 gpm (1325 l/min) - K-factor = 35
- 2) 500 gpm (1893 l/min) - K-factor = 50
- 3) 750 gpm (2839 l/min) - K-factor = 75

**ZMF**



2" Diameter concentrate hose with one 1.5" cam lock fitting, one 2" cam lock fitting. Industrial grade, UV resistant, 10 feet (3 m) long.


  
 1% 3%  
 Calibrated foam orifice plates



Dust cap with cam lock fitting

**THREADS (SWIVEL) 2.5" (65 MM)**

- 1) 2.5" - 7.5 NH Female
- 2) 2.5" - 11 BSP Female
- 3) 2.5" - 11.5 NPSH Female
- 4) 2.5" SPECIAL THREADS

**FLOW @ 100 PSI (7 BAR)**

- 4) 1000 gpm (3785 l/min) - K-factor = 100
- 5) 1250 gpm (4732 l/min) - K-factor = 125

**Ordering Information**

**SELF-EDUCTING NOZZLES**

PART NO.	DESCRIPTION	APPROXIMATE SHIPPING WEIGHT	
		lb	kg
32243	Self-Educting Nozzle - TFT, 250 gpm (946 l/min), 2.5" - 7.5 NH female inlet	7	3
32240	Self-Educting Nozzle - TFT, 350 gpm (1325 l/min), 2.5" - 7.5 NH female inlet	7	3
32241	Self-Educting Nozzle - TFT, 500 gpm (1893 l/min), 2.5" - 7.5 NH female inlet	7	3
32242	Self-Educting Nozzle - TFT, 750 gpm (2839 l/min), 2.5" - 7.5 NH female inlet	7	3
32244	Self-Educting Nozzle - TFT, 1000 gpm (3785 l/min), 2.5" - 7.5 NH female inlet	7	3