SELF-EDUCTING FOAM NOZZLE – TFT

HARDWARE

Description

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

The simple flow geometry (patent pending) can induct foam concentrate at 0.5%, 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, 2.4 m long, 38 mm diameter (8 feet x 1.5") concentrate hose with a cam lock fitting for quick and secure attachment to the nozzle.

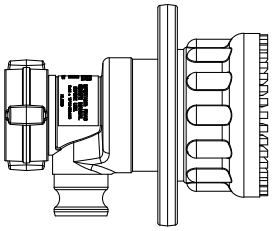
The simple and basic design requires no grease or other maintenance. The halo ring/stream shaper is made from non-corrosive high temperature polymer. The rubber bumper is UV resistant. The MASTER FOAM self-educting nozzle is available in hardcoat anodized aluminium to ANSI A356.0.T6. All MASTER FOAM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

Specifications

K-factor	K-factor = 724 (US:50)
Flow Rate	1893 l/min (500 gpm)
Pressure	7 bar (100 psi)
Flow control method	Fixed flow at a pressure (constant flow, does not change with pattern)
Coupling size (nozzles)	65 mm (2.5 inch)
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

Dimensions

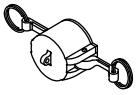
ZMFA



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

0.5% 1% 3% 6%

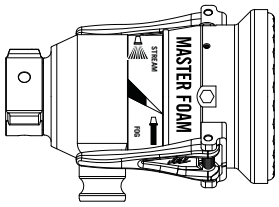
Calibrated Foam Orifice Plates

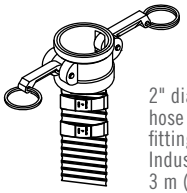


Dust cap with cam lock fitting

THREADS (SWIVEL) 65 mm (2.5")	FLOW at 7 bar (100 psi)
1) 2.5" – 7.5 NH Female	0) 946 l/min (250 gpm) – K-factor = 362
2) 2.5" – 11 BSP Female	1) 1325 l/min (350 gpm) – K-factor = 500
3) 2.5" – 11.5 NPSH Female	2) 1893 l/min (500 gpm) – K-factor = 724
4) 2.5" SPECIAL THREADS	3) 2839 l/min (750 gpm) – K-factor = 1086

ZMF

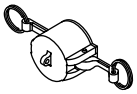




2" diameter concentrate hose with one 1.5" cam lock fitting, one 2" cam lock fitting. Industrial grade, UV resistant, 3 m (10 feet) long.

1% 3%

Calibrated Foam Orifice Plates



Dust cap with cam lock fitting

THREADS (SWIVEL) 65 mm (2.5")	FLOW at 7 bar (100 psi)
1) 2.5" – 7.5 NH Female	4) 3785 l/min (1000 gpm) – K-factor = 1448
2) 2.5" – 11 BSP Female	5) 4732 l/min (1250 gpm) – K-factor = 1810
3) 2.5" – 11.5 NPSH Female	
4) 2.5" SPECIAL THREADS	

Ordering Information

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

FORM NUMBER F-2016009_EN

AMERICAS
THE SOLBERG COMPANY
1520 Brookfield Avenue
Green Bay, WI 54313
USA
Tel: +1 920 593 9445

EMEA
SOLBERG SCANDINAVIAN AS
Radøyvegen 721 - Olsvollstranda
N-5938 Sæbøvågen
Norway
Tel: +47 56 34 97 00

ASIA-PACIFIC
SOLBERG ASIA PACIFIC PTY LTD
3 Charles Street
St Marys NSW 2760
Australia
Tel: +61 2 9673 5300