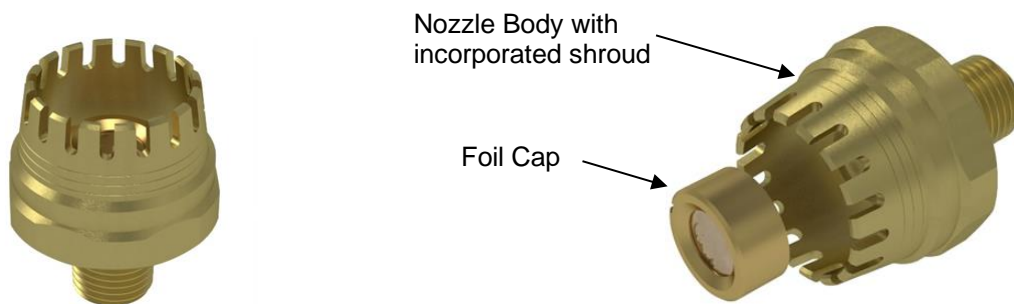


TECHNICAL DATASHEET

PEFS F3N Nozzle

Features

The PEFS F3N discharge nozzle is a brass foil rupture nozzle fitted with a brass air aspirating shroud for improved foam blanket generation. The nozzle incorporates a brass foil seal to prevent ingress of dirt and grease. Upon system discharge, the foil seal is designed to rupture allowing the nozzle to discharge foam solution. The nozzle is stamped with the designation SNE488025

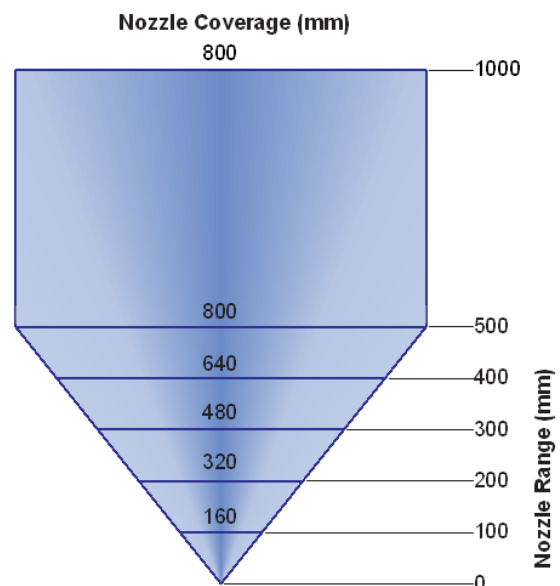


Part Number	Description
46128	Nozzle brass 1/4" BSP 1-piece c/w Foil Cap
46129	Replacement Foil Cap

In order for a foam solution to produce a good foam blanket it must be aerated with air, and the mixture must be agitated to create finished foam bubbles. Conventional spray nozzles just allow agitation to occur when the foam solution hits its target. The shroud on the PEFS F3N nozzle allows the foam solution to be air-aspirated. Air is drawn into the nozzle via the venturi effect. The shroud impinges against the spray which creates a low level of pressure inside the shroud and allows the air to enter through the back of the shroud. The aspiration of air and agitation of the foam solution at the PEFS F3N nozzle produces a 5% – 10% improved foam blanket compared to a non-aspirating spray.

The nozzle has a wide angled solid cone discharge pattern and has a maximum range of 1,000mm.

Please note that although the spray from the nozzle is cone shaped, the nozzle has been tested based on protecting a square area as per the requirements of AS5062. At a distance of 500 - 1000mm a single nozzle can protect a 800mm x 800m square area.



Note: The nozzle is supplied with a protective plastic vinyl cap to protect the rupture foil during storage and transport. The protective cap must be removed before installation.

