



MARSOL
TECHNOLOGIES

ROTO-SPRAY FLIGHTLINE NOZZLE™



WATER - FOAM - CAFS - WETTING AGENT



ABOUT MARSOL

MARSOL Technologies, Inc., based in Houston, Texas, USA, specializes in designing, manufacturing, and implementing firefighting, safety systems, and related products for onshore, offshore, and marine industry applications. Our ethos is centred on delivering solutions that exceed minimum compliance requirements and ensure safety critical performance.

PRODUCT SERVICE SUPPORT

- 🔧 Spray Nozzles
- 🔧 Foam / Deluge Skid
- 🔧 Foam Concentrates
- 🔧 Control Equipment
- 🔧 Custom Engineering
- 🔧 System Integration
- 🔧 Factory Approval Testing
- 🔧 Field Service and Technical Support

PRODUCT OVERVIEW

The Roto-Spray Flightline Nozzle™ is an exceptional advancement in aviation safety. Adaptable to any airport crash truck with an extendable boom, the Roto-Spray Flightline Nozzle™ greatly enhances firefighting and rescue capabilities with a flow rate that exceeds FAA standards. The case-hardened piercing tip of the Roto-Spray Flightline Nozzle™ allows boom operators precise entry into aircraft fuselage and engine pods, without worry of equipment failure. The nozzle is virtually indestructible and requires minimal maintenance to periodically inspect for dirt and water supply particulates.

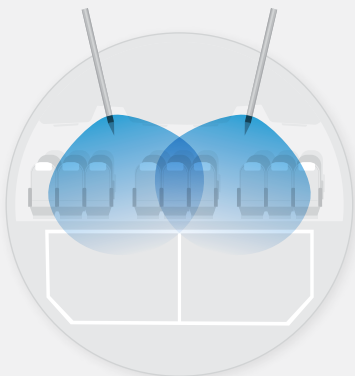




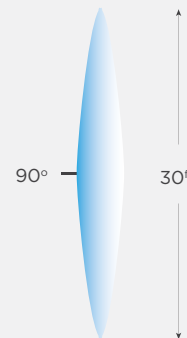
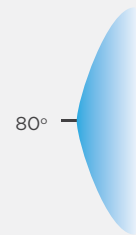
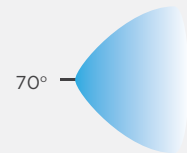
APPLICATION



- KNOCKS DOWN FIRES FAST
- PIERCING TIP
- REDUCES RADIANT HEAT TO FIREFIGHTERS
- USES A FRACTION OF THE WATER
- AVAILABLE IN THREE SPRAY ANGLE CONFIGURATIONS
- CAN BE USED WITH WATER, FOAM AND CAF



The Roto-Spray Flightline Nozzle™ extinguishes fires quickly with a dense fog of micron-sized droplets that convert to steam, suffocating flames and reducing firefighting time. Its piercing tip can penetrate aircraft fuselages, engine nacelle, and cargo holds, cutting radiant heat by 90%. It uses minimal water, reducing property damage and costs. Easy to use with no settings, it comes with interchangeable rotors for various purposes. Maintenance is simple, and the 70° rotor gently moves fuel from tarmacs without splashing.



Three available Rotor Angles

SPECIFICATION

Maximum Working Pressure	300 PSI / 20.69 BAR	Nozzle Material	316 Stainless Steel
Factory Tested Pressure	450 PSI / 31.03 BAR	Nozzle Tip Material	1704 Annealed Stainless Steel
Temperature Rating	2000° F (1093° C)	Rotor Material	Kevlar TM
Weight	14 lbs (6.5 kg)	Water Flow @ 175 PSI	295+ GPM / 1116.6 LPM
Length	48 in (3.1 m.)	Flow Capabilities	Water, Foam, & CAF
Width	2.5 in (1.6 m.)		

OFFICES

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