



MARSOL
TECHNOLOGIES

ROTO-SPRAY FIRST ATTACK NOZZLE™



WATER - FOAM - CAFS - WETTING AGENT - CO2

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 First Attack Nozzle™ is an innovative piercing tip fog nozzle that excels in piercing through tough materials, protecting firefighters, and quickly extinguishing fires with minimal water. Its kevlar composite rotor creates a unique three-layer, 30-foot fog pattern that significantly reduces radiant heat. The nozzle is easily operated by one firefighter, even at over 300 PSI, reducing heat fatigue and overexertion, which are leading causes of firefighter deaths. Made from high-quality 316 and 17-4 heat-treated stainless steel in America, this nozzle stands out for its durability and effectiveness.



KEY FEATURES



- REDUCES RADIANT HEAT BY 90%
- CREATES A 30-FOOT FOG PATTERN.
- EXTINGUISHES FIRES USING LESS WATER.
- PENETRATES VARIOUS STRUCTURES AND VEHICLES.
- EASILY HANDLED BY ONE FIREFIGHTER.
- INCLUDES NOZZLE, TWO TIPS, ROTOR.
- SIMPLE MAINTENANCE; EASY PARTICULATE REMOVAL.
- FLOWS WATER, FOAM, CAF, WETTING AGENT, CO2.
- QUICK DEPLOYMENT FOR CROSS-LAYS.



1.5" First Attack Nozzle – Great for pre-connects, cross lays and house bundles. Comes in 3, 4 and 5 ft. models.
Unprecedented firefighter protection and fire suppression.

SPECIFICATION

Maximum Working Pressure	350 PSI (24.13 BAR)
Factory Tested Pressure	450 PSI (31.03 BAR)
Temperature Rating	2000° Fahrenheit
Cryogenic Valve Body Pressure	3600 PSI
Seal-Continuous Working Pressure	1200 PSI (82.76 BAR)
Nozzle Tip Material	1704 Annealed SS
Water Flow @ 175 PSI	107 GPM - 16.1 K



Nozzle Material	316 Stainless Steel
Rotor Material	Kevlar™
CO2 Flow	2.12 GPM
Weight (48" Model)	14 pounds
Length	48 inches
Width	2.5 inches
Flow Capabilities	Water, CO2, & Foam

OFFICES

Head Quarters

Marsol Technologies, Inc.

14331 Spencer Road (FM-529),
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Middle East

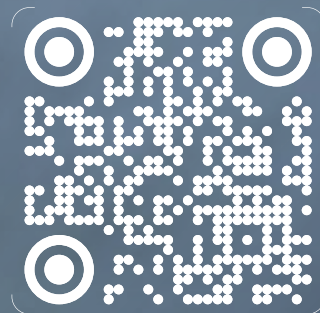
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