

# Smooth Bore Performance from a Combination Nozzle . . .



*MidForce Nozzle in Low  
Pressure Attack Mode*

## . . . REALLY !

TFT's MidForce dual-pressure automatic nozzle offers you a choice of maximum flow, or maximum reach and penetration from a single nozzle.

The low pressure mode provides target fire flows with greatly reduced nozzle reaction, and the integrated slide valve produces a turbulence free straight stream, even when gated.

To learn more about how you can dramatically improve your initial attack fire flow operations automatically, contact your local TFT dealer today.



**TASK FORCE TIPS**  
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3701 Innovation Way, Valparaiso, IN 46383-9327 USA  
US & CN 800.348.2686 • 1.219.462.6161 • fax 1.219.464.7155



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**MidForce Nozzles**

For the complete video, visit [www.tft.com/FE4](http://www.tft.com/FE4)

## 1.5" (38mm) MID-FORCE SERIES



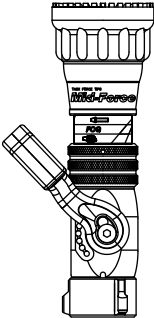
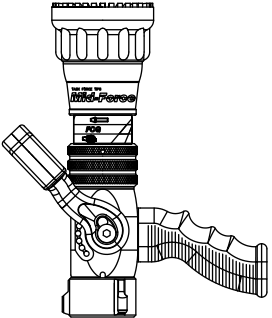
### 70 - 200 GPM (260 - 760 l/min)

### Dual Pressure Automatic

The wide flow range of 70-200 gpm (260-760 l/min) allows the Mid-Force to be used on 1.5" (38mm), 1.75" (45mm) and 2" (52mm) hose. The TFT Mid-Force is a truly rugged, dependable, and effective mid-range firefighting nozzle. This nozzle is equipped with a low pressure override which allows the nozzle to achieve greater flows at lower nozzle pressures. All nozzles are regulated to 100 psi  $\pm$  15 psi (7 bar  $\pm$  1 bar) according to NFPA #1964 flow requirements. It is adjustable from a straight stream to a dense fog pattern with your choice of molded rubber fog teeth for full-fill "power fog" pattern or stainless steel spinning teeth. Handle covers and pistol grips are available in NFPA colors to identify a nozzle with its discharge (NFPA 1901 (A.16.9.1)). All Mid-Force nozzles accept: the FJ-LX-HM, FJ-HM low-expansion, or the FJ-MX-HM multi-expansion foam attachments.

In the standard mode, the Mid-Force Nozzle maintains a 100 psi (7 bar) operating nozzle pressure (75psi / 5 bar for low pressure version). The TFT high level of quality, engineered into all our products, allows this nozzle to meet the NFPA #1964 flow requirements for automatic nozzles. This gives you the desired ability to aggressively conduct a hard-hitting fire attack.

With a twist of the knob on the front of the nozzle, you switch to the low pressure mode, which immediately reduces the nozzle's operating pressure to around 55 psi (3 bar) (45psi / 3bar for low pressure version). This exclusive TFT feature provides you with the unique ability to change operating nozzle pressure approximately depending on the situation, thereby allowing maximum flow at a lower nozzle pressure.

Mid-Force Series  1.5" (38mm) Dual Pressure Automatic Nozzles 70-200 GPM (260 - 760 l/min)  NFPA 1964 COMPLIANT	 Nozzle Tip Only	 Nozzle Tip Only w/Twist Shutoff	 Nozzle w/Shutoff	 Nozzle w/Shutoff & Pistol Grip
100/55 psi NH Threads Fixed Teeth	HMD-TO	HMD-STO	HMD-V	HMD-VPGI
100/55 psi NH Threads Spinning Teeth	HMD-TOS	HMD-STOS	HMD-VS	HMD-VPGIS
75/45 psi NH Threads Fixed Teeth	HMDL-TO	HMDL-STO	HMDL-V	HMDL-VPGI
75/45 psi NH Threads Spinning Teeth	HMDL-TOS	HMDL-STOS	HMDL-VS	HMDL-VPGIS
	HMD-TO HMD-TOS HMDL-TO HMDL-TOS 3.0 lb (1.4kg) 9.00" (22.9cm)	HMD-STO HMD-STOS HMDL-STO HMDL-STOS 3.6 lb (1.6kg) 10.00" (25.4cm)	HMD-V HMD-VS HMDL-V HMDL-VS 4.5 lb (2.1kg) 11.50" (29.2cm)	HMD-VPGI HMD-VPGIS HMDL-VPGI HMDL-VPGIS 4.9 lb (2.2kg) 11.50" (29.2cm)