

# *Certificate of Conformance*

*to*

*EN15182-2 (2010) Handheld Branchpipes for Fire Service Use*

*Task Force Tips, Inc. certifies that the following nozzles meet or exceed the requirements found in the EN15182-2 (2010) standard.*

## **Midmatic**

## **MidForce**

*For supporting documentation contact us at [www.tft.com](http://www.tft.com)*



***TASK FORCE TIPS***

*Delivers what our customers need, when they need it.*



TASK FORCE TIPS, INC  
REGISTERED TO ISO 9001:2008  
FILE NUMBER 10001004 QM08

## Annex C (normative)

### Datasheet for hand-held branchpipes for fire service use

#### C.1 General

**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**NOTE 2** Actual test results can be entered in the data sheet when these results exceed the minimum requirements given in this Standard

#### C.2 General data

1.1 Manufacturer	Task Force Tips, Inc. – Valparaiso, IN - USA
1.2 Type	Midmatic Mid-Force
1.3 Type according to EN 15182-1 Annex A	4.1
1.4 Flowrate (l/min) at $p_R$	100-600 l/min@6bar
1.5 Flow settings *	OFF, 175, 250, 300, 375, 600
1.6 Type of spray *	Full Cone

#### C.3 Flow pressure chart

L/min : 100

L/min : 600

23

44

12

23

5

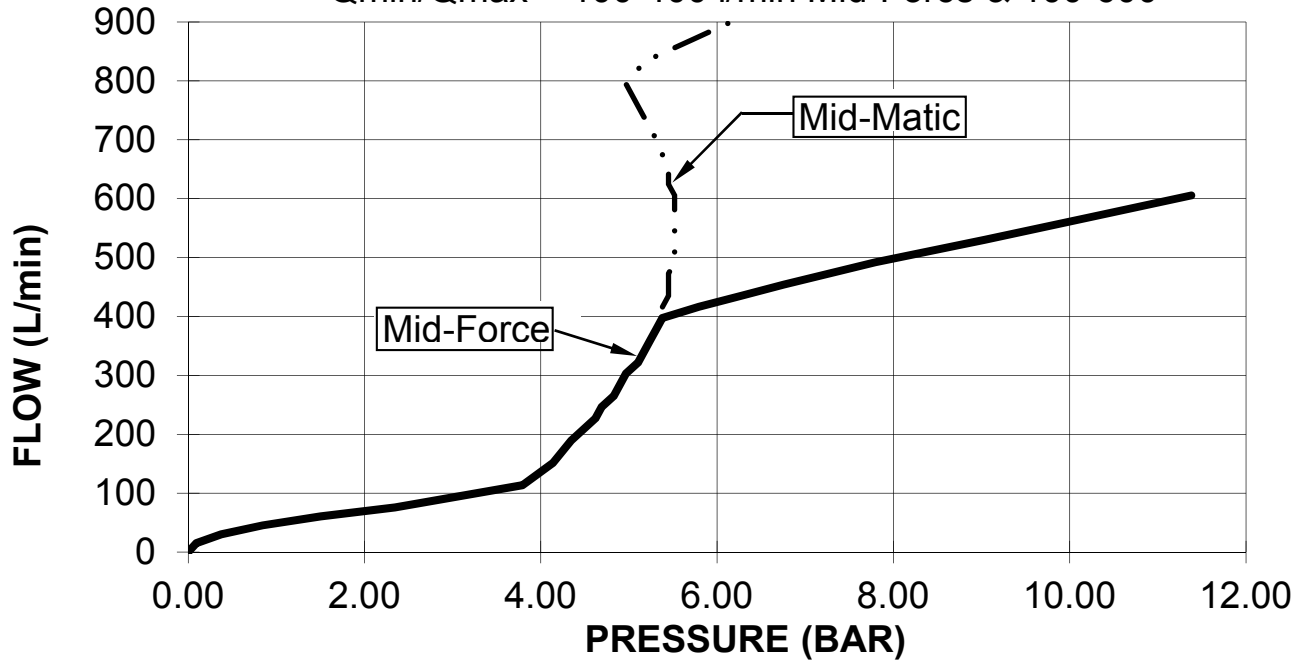
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### Mid Series Nozzles

Midmatic and Mid-Force

PN 16 Pm = 5.0 bar

Qmin/Qmax = 100-400 l/min Mid-Force & 100-600



#### C.4 Operational devices

3.1 Fitting system	Swiveling Coupling
3.2 Gripping device	Pistol Grip
3.3 Open/shut-off device *	Slide Valve
3.4 Jet/spray system *	Rotating Operating Element
3.5 Flow adjustment system *	Slide Valve

#### C.5 Requirements

OPERATING AND HANDLING	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
		<b>Dimensions (mm)</b>	≤ 450x300x150	292x120x248
		<b>Mass (kg)</b>	≤ 3.5	2.72
	<b>Torques needed for moving operating elements (N·m)</b>			
		Valve Handle *	≤ 15	3.4
		Open Valve with Trigger	≤ 15	3.38
		Engage Trigger Lock	≤ 15	.113
		Disengage Trigger Lock	≤ 15	3.12
		Flow adjustment element	≤ 15	N/A
		Jet adjustment element	≤ 10	0.6
	Rotating inlet element	≤ 5	2.6	
<b>Flow adjustment *</b>				
	Rotation from minimal to maximal flow	≤ 180°	N/A	
<b>Jet adjustment *</b>				
	Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	70° - 180°	132°	

PERFORMANCE	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
		Effective throw (m)	37	44
	<b>Spray jet *</b>			
		Wide spray jet *: angle	≥ 100°	110°
		Narrow spray jet *: angle	≥ 30°	30°

PHYSICS	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
		Sensitivity to frost (° C)	Operational after 30 min @ (-15±2)°C	PASS
		Sensitivity to heat (° C)	Operational after 24 h @ (55±2)°C	PASS
		Non-obstruction test (mm)	6,35	PASS
		Burst pressure (bar)	≥ 60 bar	PASS

### C.6 Operational extra data (no requirements)

Relevant sub clause number per standard	Item	Test Result
<b>Ageing tests</b>		
	UV test	
	Ozone test	
	Corrosion test	HARDCOAT EXCEED MILITARY SPECIFICATION MILA-8625F

### C.7 Data certified by: Adam Ritchey

**Quality Manager  
Task Force Tips**