

# *Certificate of Conformance*

*to*

*EN 15182-2 (2019) Handheld Branchpipes for Fire Service Use*

*Task Force Tips, LLC certifies that the following nozzles meet or exceed the requirements found in EN 15182-1 (2019) and EN 15182-2 (2019) standards.*

## **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 LLC  
REGISTERED TO ISO 9001:2015  
FILE NUMBER 10001004 QM15

## 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 LLC – Valparaiso, IN - USA
1.2 Type	Midmatic Mid-Force
1.3 Type according to EN 15182-1 Annex A	EN 15182-2, Type 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

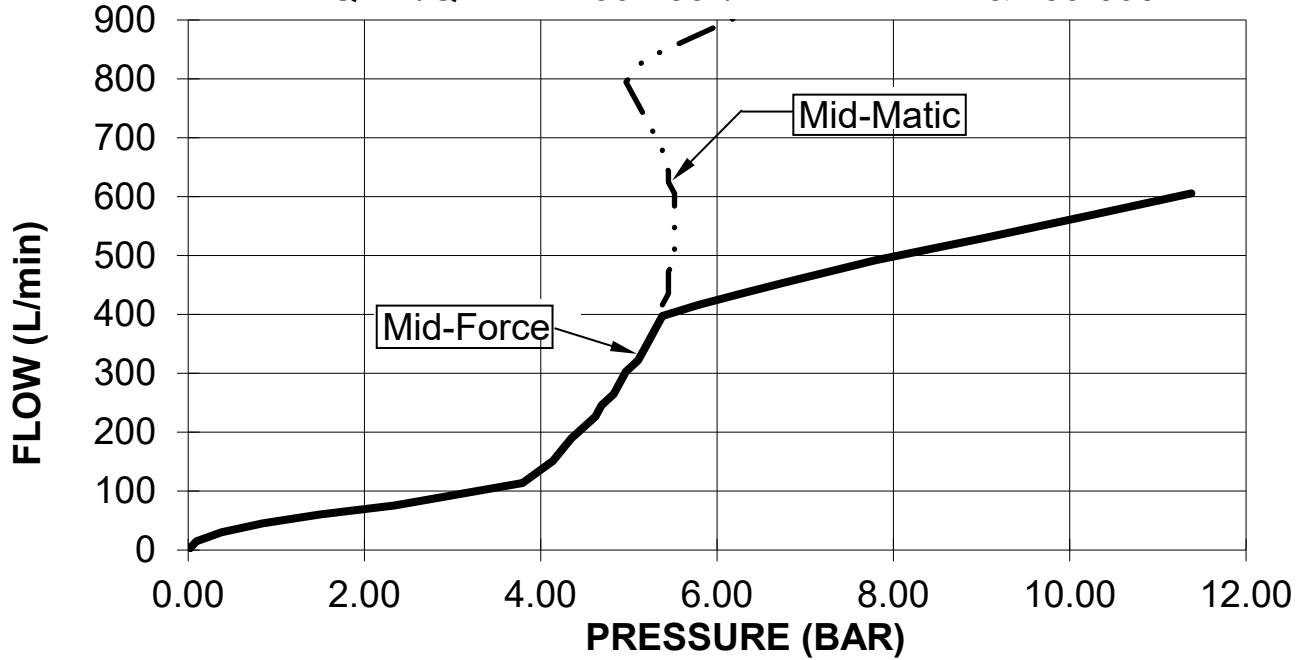
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**Mid Series Nozzles**

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	
	EN 15182-2/4.2.1	<b>Dimensions (mm)</b>	≤ 450x300x150	292x120x248	
	EN 15182-2/4.2.1	<b>Mass (kg)</b>	≤ 3.5	2.72	
	<b>Torques</b> needed for moving operating elements (N·m)				
	EN 15182-2/4.2.2	Valve Handle *		≤ 15	3.4
		Open Valve with Trigger		≤ 15	3.38
		Engage Trigger Lock		≤ 15	0.113
		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>				
	EN 15182-2/4.2.3	Rotation from minimal to maximal flow		≤ 180°	N/A
<b>Jet adjustment *</b>					
EN 15182-2/4.2.4	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
	EN 15182-2/4.3.3	<b>Effective throw (m)</b>	37	44
	<b>Spray jet *</b>			
	EN 15182-2/4.2.4	Wide spray jet *: angle	≥ 100°	110°
	EN 15182-2/4.2.4	Narrow spray jet *: angle	≥ 30°	30°

PHYSICS	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN 15182-1/6.5.3	<b>Sensitivity to frost (° C)</b>	Operational after 30 min @ (-15±2)°C	PASS
	EN 15182-1/6.5.2	<b>Sensitivity to heat (° C)</b>	Operational after 24 h @ (55±2)°C	PASS
	EN 15182-1/6.4	<b>Non-obstruction test (mm)</b>	6,35	PASS
	EN 15182-2/4.5	<b>Burst pressure (bar)</b>	≥ 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:**

**Alan J. Painter  
Compliance Manager  
Task Force Tips LLC  
Dated: 1 June 2022**

