

# *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.*

**G-Force (GP\*\*F\*\*) PN 16**

*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

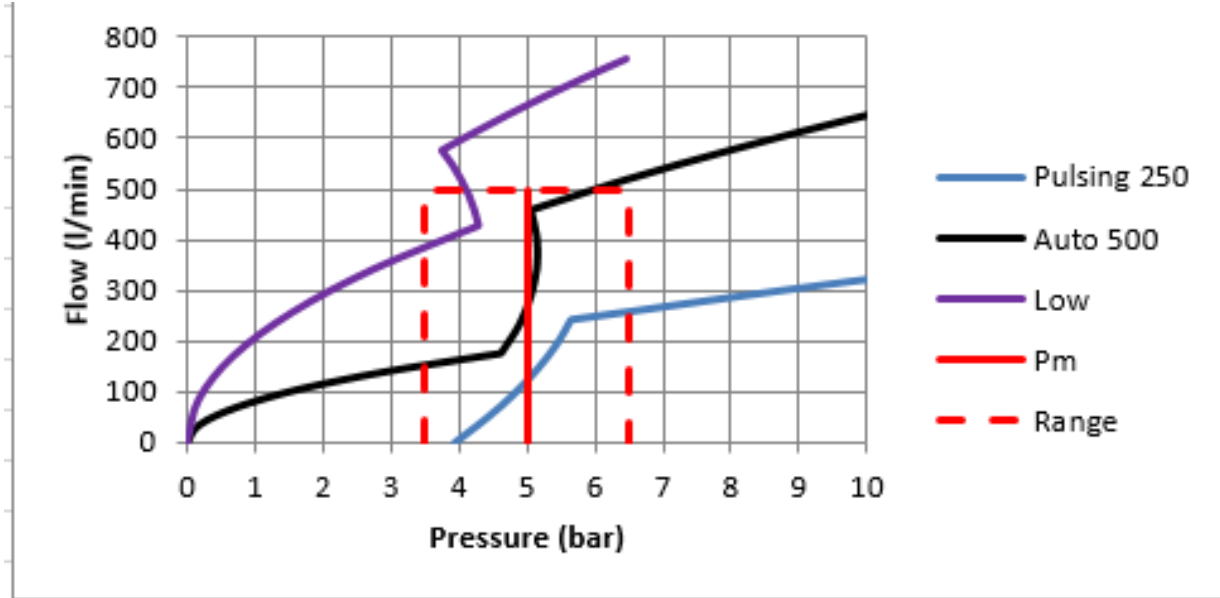
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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	<b>Task Force Tips, Inc., Valparaiso, IN</b>
1.2 Type	<b>G-Force (GP**F**) Pn 16</b>
1.3 Type according to EN 15182-1 Annex A	<b>4.2</b>
1.4 Flowrate (l/min) at $p_R$	<b>0-500 l/min @ 6 bar</b>
1.5 Flow settings *	<b>Pulsing 250, Auto 500, Low</b>
1.6 Type of spray *	<b>Full cone</b>

**C.3 Flow pressure chart**



(l/min)	Reach (meters)		
Flow	Straight	Narrow	Wide
250	34	13	6
500	41	17	9

**C.4 Operational devices**

<b>3.1 Fitting system</b>	Full time swivel
<b>3.2 Gripping device</b>	Pistol grip
<b>3.3 Open/shut-off device *</b>	Slide Valve
<b>3.4 Jet/spray system *</b>	Rotating
<b>3.5 Flow adjustment system *</b>	Rotating

## C.5 Requirements

OPERATING AND HANDLING	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN15182-2/4.2.1	<b>Dimensions (mm)</b>	≤ 450x300x150	254x120x248
		<b>Mass (kg)</b>	≤ 3.5	2.0
	<b>Torques needed for moving operating elements (N·m)</b>			
		Valve Handle (Bale)	≤ 15	4.1
		Open Valve with Trigger	≤ 15	3.38
		Engage Trigger Lock	≤ 15	.113
		Disengage Trigger Lock	≤ 15	3.12
		Flow adjustment element	≤ 15	5.6
		Jet adjustment element	≤ 10	1.0
	Rotating inlet element	≤ 5	1.5	
<b>Flow adjustment *</b>				
EN15182-2/4.2.3	Rotation from minimal to maximal flow	≤ 180°	156°	
<b>Jet adjustment *</b>				
EN15182-2/4.2.4	Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	70° - 180°	160°	

PERFORMANCE	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN15182-2/4.3.3	<b>Effective throw (m)</b>	35	41
	<b>Spray jet *</b>			
	EN15182-2/4.3.4	Wide spray jet *: angle	≥ 100°	PASS
	EN15182-2/4.3.5	Narrow spray jet *: angle	≤ 30°	PASS

<b>PHYSICS</b>	<b>Relevant sub clause number per standard</b>	<b>Item</b>	<b>Minimum Requirement</b>	<b>Test Result</b>
	EN15182-1/7.2.2	<b>Sensitivity to frost (° C)</b>	Operational after 30 min @ (-15±2)°C	PASS
	EN15182-1/7.2.1	<b>Sensitivity to heat (° C)</b>	Operational after 24 h @ (55±2)°C	PASS
	EN15182-1/6.3.1	<b>Non-obstruction test (mm)</b>	4,76	PASS
	EN15182-2/4.3.1	<b>Burst pressure (bar)</b>	≥ 60 bar	PASS

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

<b>Relevant sub clause number per standard</b>	<b>Item</b>	<b>Test Result</b>
<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**