

# *Certificate of Conformance*

*to*

*EN15182-2 (2019) Handheld Branchpipes for Fire Service Use*

*Task Force Tips, LLC certifies that the following nozzles meet or exceed the requirements found in the EN15182-2 (2019) standard.*

## **G-Force (GP\*\*N\*\*) Pn 16**



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

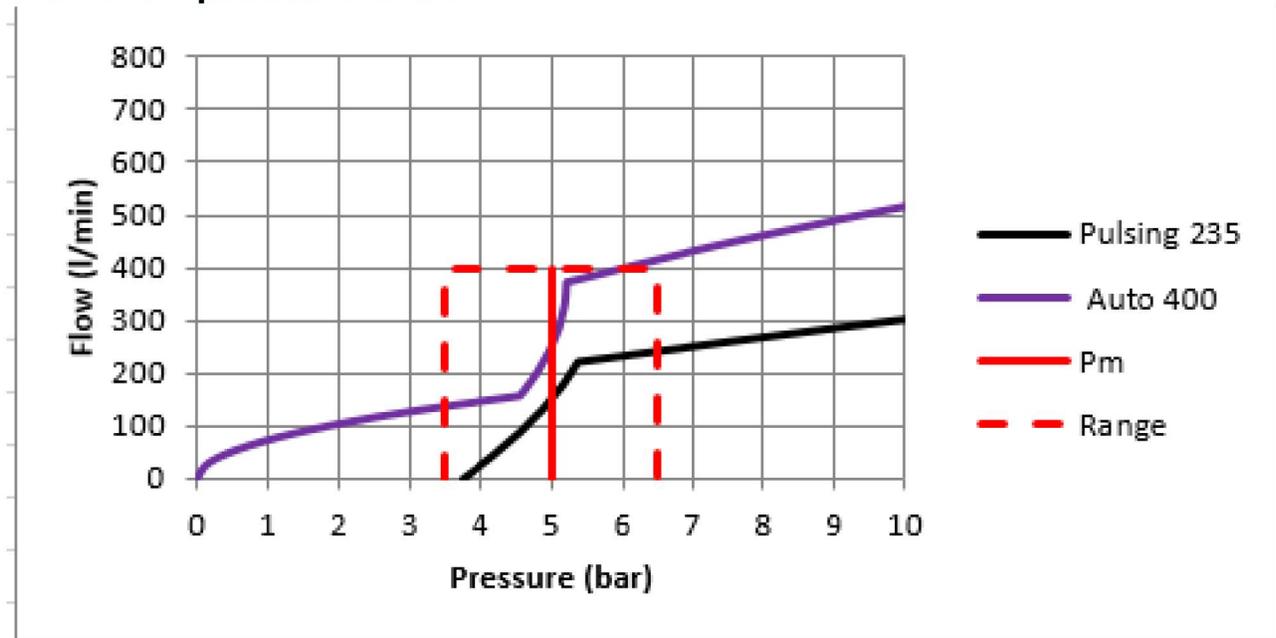
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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
1.2 Type	G-Force (GP**N**) Pn 16
1.3 Type according to EN 15182-1 Annex A	Type 4.2
1.4 Flowrate (l/min) at $p_R$	0-400 l/min @ $P_R$ 6 bar
1.5 Flow settings *	Pulsing 235, Auto 400
1.6 Type of spray *	Full cone

**C.3 Flow pressure chart**



(l/min)	Reach (meters)		
Flow	Straight	Narrow	Wide
235	33	13	6
400	40	16	8

#### C.4 Operational devices

3.1 Fitting system	Full time swivel
3.2 Gripping device	Pistol grip
3.3 Open/shut-off device *	Slide Valve
3.4 Jet/spray system *	Rotating
3.5 Flow adjustment system *	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>			
	EN15182-2/4.2.2	Valve Handle (Bale)	≤ 15	4.1
		Open Valve with Trigger	≤ 15	3.38
		Engage Trigger Lock	≤ 15	0.113
		Disengage Trigger Lock	≤ 15	3.12
		Flow adjustment element	≤ 15	5.6
		Jet adjustment element	≤ 10	1.0
<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>	33	40
	<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

PHYSICS	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN15182-1/6.5.3	Sensitivity to frost (° C)	Operational after 30 min @ (-15±2)°C	PASS
	EN15182-1/6.5.2	Sensitivity to heat (° C)	Operational after 24 h @ (55±2)°C	PASS
	EN15182-1/6.4	Non-obstruction test (mm)	4,76	PASS
	EN15182-2/4.5	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 \*:

Alan J. Painter  
Compliance Manager  
Task Force Tips LLC3