

# *Certificate of Conformance*

*to*

*EN 15182-4 (2019) Hand-held Branchpipes for Fire Service Use*

*Task Force Tips, LLC certifies that the following nozzles meet or exceed the requirements found in the EN 15182-4 (2019) standard.*

**G-Force (GP\*7L\*\* ) PN 16/40**



*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

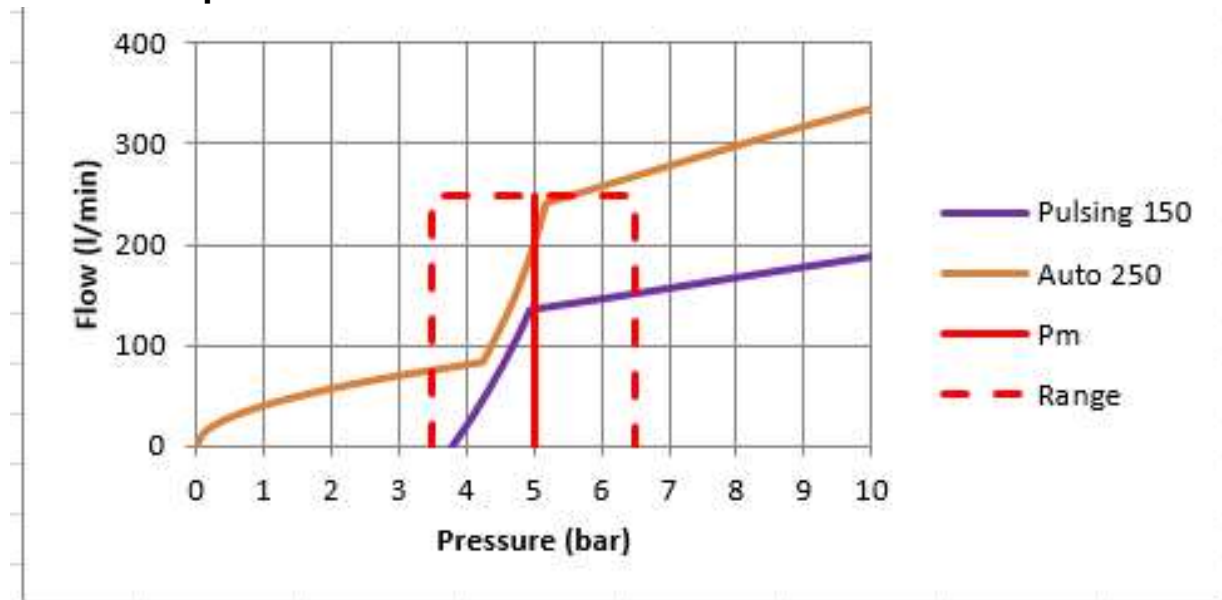
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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

<b>1.1</b> Manufacturer	<b>Task Force Tips LLC - Valparaiso, IN</b>
<b>1.2</b> Type	<b>G-Force (GP**L**) Pn 16/40</b>
<b>1.3</b> Type according to EN 15182-1 Annex A	<b>4.2</b>
<b>1.4</b> Flowrate (l/min) at $p_R$	<b>0-250 l/min @ 6 bar</b>
<b>1.5</b> Flow settings *	<b>Pulsing 150, Auto 250</b>
<b>1.6</b> Type of spray *	<b>Full cone</b>

**C.3 Flow pressure chart**



(l/min)	Reach (meters)		
Flow	Straight	Narrow	Wide
150	25	10	4
250	34	13	6

**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
	EN 15182-4/4.2.1	<b>Dimensions (mm)</b>	≤ 550 x 350 x 150	254x120x248
	EN 15182-2/4.2.1	<b>Mass (kg)</b>	≤ 3.5	2.0
	EN 15182-2/4.2.2 EN 15182-2/4.2.3	<b>Torques needed for moving operating elements (N·m)</b>		
		Open Valve with Trigger	≤ 15	5.41
		Engage Trigger Lock	≤ 15	.113
		Disengage Trigger Lock	≤ 15	5.00
		Flow adjustment element	≤ 15	3.36
		Jet adjustment element	≤ 10	0.5
		Rotating inlet element	≤ 5	0.9
EN 15182-4/4.2.3 EN 15182-2/4.2.4	<b>Flow adjustment *</b>			
	Rotation from minimal to maximal flow	≤ 180°	156°	
EN 15182-4/4.2.4	<b>Jet adjustment *</b>			
	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>	23	34
	<b>Spray jet *</b>			
	EN15182-2/4.2.4	Wide spray jet *: angle	≥ 100°	PASS
EN15182-2/4.2.4	Narrow spray jet *: angle	≤ 30°	PASS	

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>	3,18	4,76
EN 15182-4/5.5	<b>Burst pressure (bar)</b>	≥ 100 bar	PASS	

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

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

**C.7 Data certified by \*:**

**Alan Painter**  
**Compliance Manager**  
**Task Force Tips LLC**