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**C**) Pn 16

For supporting documentation
contact us at 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

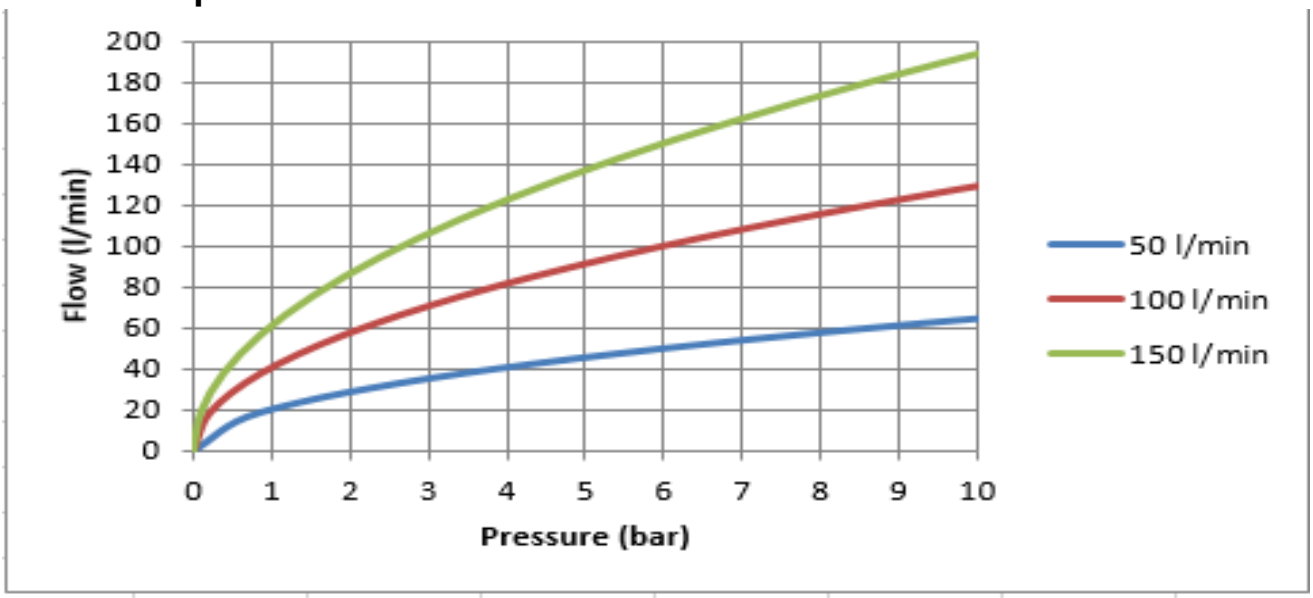
NOTE 1 The symbol * means “where applicable” in the whole datasheet

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**C**) Pn 16**
1.3 Type according to EN 15182-1 Annex A	**Type 3**
1.4 Flowrate (l/min) at p_R	**150 l/min @ P_R 6 bar**
1.5 Flow settings *	**50, 100, 150**
1.6 Type of spray *	**Full cone**

C.3 Flow pressure chart



(l/min)	Reach (meters)		
Flow	Straight	Narrow	Wide
50	12	6	2
100	19	8	3
150	25	10	4

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

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
OPERATING AND HANDLING	EN15182-2/4.2.1	**Dimensions (mm)**	≤ 450x300x150	254x120x248
		Mass (kg)	≤ 3.5	2.0
	Torques needed for moving operating elements (N·m)			
	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
		Rotating inlet element	≤ 5	1.5
	Flow adjustment *			
	EN15182-2/4.2.3	Rotation from minimal to maximal flow	≤ 180°	156°
	Jet adjustment *			
	EN15182-2/4.2.4	Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	70° - 180°	160°

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
PERFORMANCE	EN15182-2/4.3.3	**Effective throw (m)**	22	25
	Spray jet *			
	EN15182-2/4.3.4	Wide spray jet *: angle	≥ 100°	PASS
	EN15182-2/4.3.5	Narrow spray jet *: angle	≤ 30°	PASS

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
PHYSICS	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
Ageing tests		
	UV test	
	Ozone test	
	Corrosion test	HARDCOAT EXCEED MILITARY SPECIFICATION MILA-8625F

C.7 Data certified by *:

Alan J. Painter
Compliance Manage
Task Force Tips LLC