Certificate of Conformance

to

EN15182-4 (2019) Handheld Branchpipes for Fire Service Use

*Task Force Tips, LLC certifies that the following nozzles meet or exceed the requirements found in the **EN15182-4 (2019)** standard.*

G-Force (GP*7C**) Pn 16/40

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

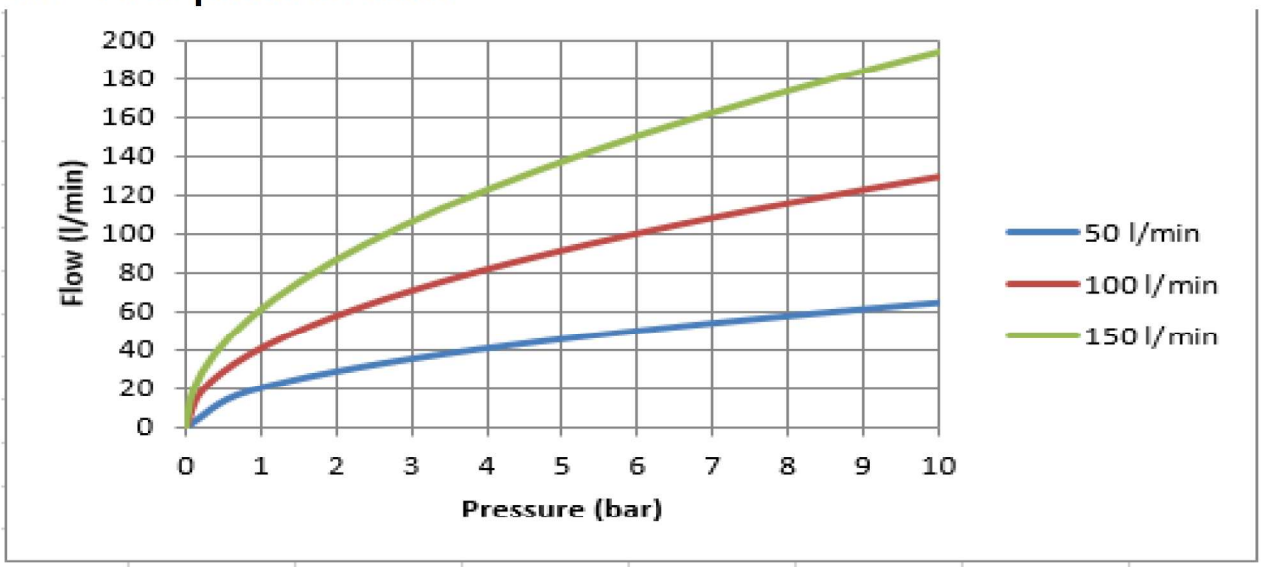
NOTE 1 The symbol * means "where applicable" in the whole datasheet

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*7C**) Pn 16/40**
1.3 Type according to EN 15182-1 Annex A	**Type 3**
1.4 Flowrate (l/min) at p_R	**150 l/min @ 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	EN 15182-4/4.2.1	**Dimensions (mm)**	≤ 550 x 350 x 150	254x120x248
	EN 15182-4/4.2.1	**Mass (kg)**	≤ 3.5	2.0
	Torques needed for moving operating elements (N·m)			
	EN 15182-4/4.2.2	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
	Flow adjustment *			
	EN 15182-4/4.2.3	Rotation from minimal to maximal flow	≤ 180°	156°
	Jet adjustment *			
	EN 15182-4/4.2.4	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	EN15182-4/4.3.3	**Effective throw (m)**	22	25
	Spray jet *			
	EN15182-4/4.2.4	Wide spray jet *: angle	≥ 100°	PASS
	EN15182-4/4.2.4	Narrow spray jet *: angle	≤ 30°	PASS

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
PHYSICS	EN 15182-1/6.5.3	**Sensitivity to frost (° C)**	Operational after 30 min @ (-15±2)°C	PASS
	EN 15182-1/6.5.2	**Sensitivity to heat (° C)**	Operational after 24 h @ (55±2)°C	PASS
	EN 15182-1/6.4	**Non-obstruction test (mm)**	3,18	4,76
	EN 15182-4/4.5	**Burst pressure (bar)**	≥ 100 bar	PASS

C.6 Operational extra data (no requirements)

Relevant sub clause number per standard	Item	Test Result
Aging tests		
	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