

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 (GPG**) PN 16**

For supporting documentation contact us at 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

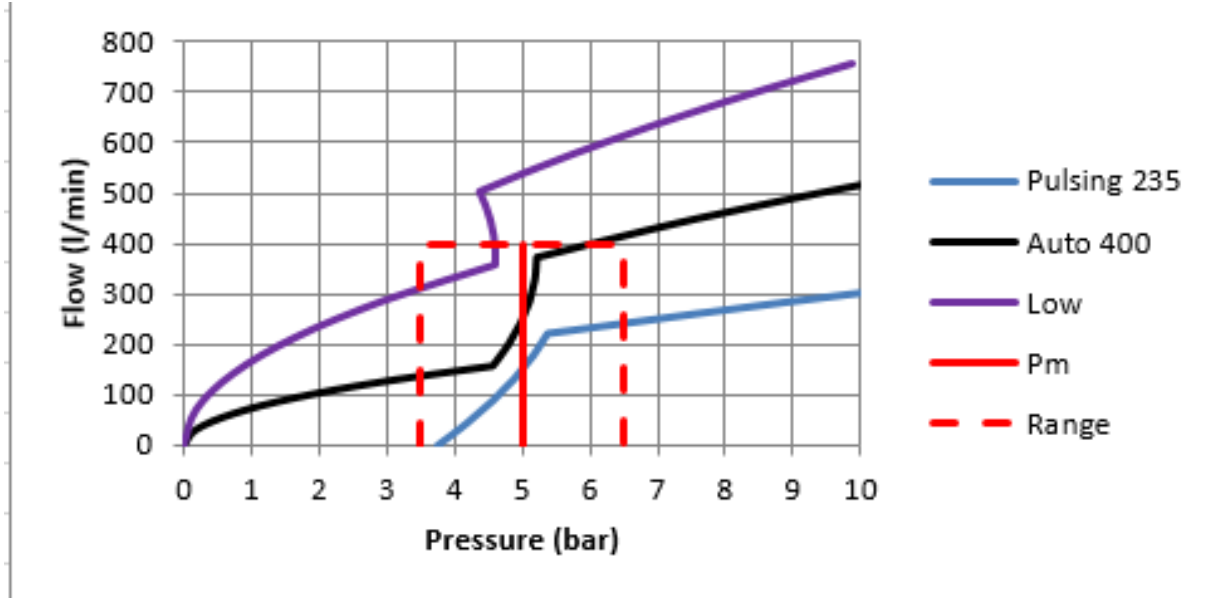
NOTE 1 The symbol * means “where applicable” in the whole datasheet

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	Task Force Tips, Inc., Valparaiso, IN
1.2 Type	G-Force (GP**G**) Pn 16
1.3 Type according to EN 15182-1 Annex A	4.2
1.4 Flowrate (l/min) at p_R	0-400 l/min @ 6 bar
1.5 Flow settings *	Pulsing 235, Auto 400, Low
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	Dimensions (mm)	≤ 450x300x150	254x120x248
		Mass (kg)	≤ 3.5	2.0
	Torques needed for moving operating elements (N·m)			
		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	
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°	

PERFORMANCE	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN15182-2/4.3.3	Effective throw (m)	33	40
	Spray jet *			
	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
	EN15182-1/7.2.2	Sensitivity to frost (° C)	Operational after 30 min @ (-15±2)°C	PASS
	EN15182-1/7.2.1	Sensitivity to heat (° C)	Operational after 24 h @ (55±2)°C	PASS
	EN15182-1/6.3.1	Non-obstruction test (mm)	4,76	PASS
	EN15182-2/4.3.1	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 *:

Adam Ritchey
Quality Manager
Task Force Tips