

# *Certificate of Conformance*

*to*

*EN15182-2 (2010) 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 (2010) standard.*

**25 mm G-Force (GDP\*\*F\*\*) PN 16**

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

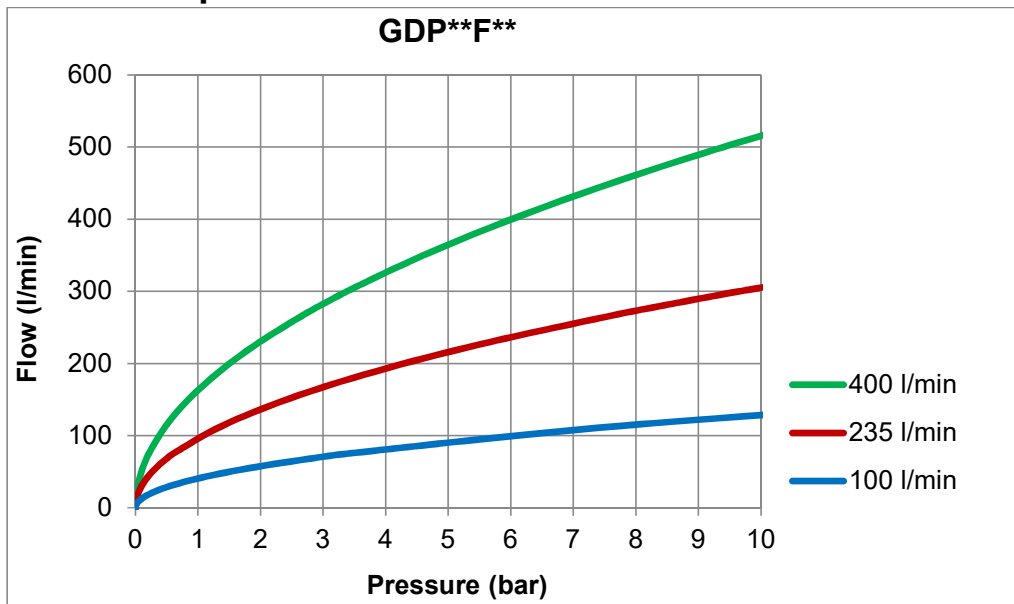
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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, LLC, Valparaiso, IN
1.2 Type	25 mm G-Force (GDP**F**) Pn 16
1.3 Type according to EN 15182-1 Annex A	3
1.4 Flowrate (l/min) at $p_R$	400 l/min @ 6 bar
1.5 Flow settings *	100, 235, 400
1.6 Type of spray *	Full cone

**C.3 Flow pressure chart**



(l/min)	Reach (meters)		
	Straight	Narrow	Wide
100	18	8	3
235	31	12	6
400	38	15	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	244x226x120
		<b>Mass (kg)</b>	≤ 3.5	1.4
	EN15182-2/4.2.2	<b>Torques</b> needed for moving operating elements (N·m)		
		Valve Handle (Bail)*	≤ 15	6.5
		Open Valve with Trigger*	≤ 15	3.4
		Engage Trigger Lock*	≤ 15	0.1
		Disengage Trigger Lock *	≤ 15	3.1
		Flow adjustment element	≤ 15	4.4
		Jet adjustment element	≤ 10	1.7
Rotating inlet element	≤ 5	2.6		
EN15182-2/4.2.3	<b>Flow adjustment *</b>			
	Rotation from minimal to maximal flow	≤ 180°	156°	
EN15182-2/4.2.4	<b>Jet adjustment *</b>			
	Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	70° - 180°	127°	

PERFORMANCE	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN15182-2/4.3.3	<b>Effective throw (m)</b>	33	38
		<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
	EN15182-1/7.2.2	<b>Sensitivity to frost (°C)</b>	Operational after 30 min @ (-15±2)°C	PASS
	EN15182-1/7.2.1	<b>Sensitivity to heat (°C)</b>	Operational after 24 h @ (55±2)°C	PASS
	EN15182-1/6.3.1	<b>Non-obstruction test (mm)</b>	4,76	PASS
EN15182-2/4.3.1	<b>Burst pressure (bar)</b>	≥ 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 EXCEEDS MILITARY SPECIFICATION MILA-8625F

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

**Adam Ritchey**  
**Quality Manager**  
**Task Force Tips**