

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.*

25 mm G-Force PN 16 model numbers†:

GDP* 2F**	GDP* 3F**	GDP* 5F**	GDP* 6F**	GDP* 7F**
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†see CERT0108 for EN15182-4 (2019) PN 40 model numbers



*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

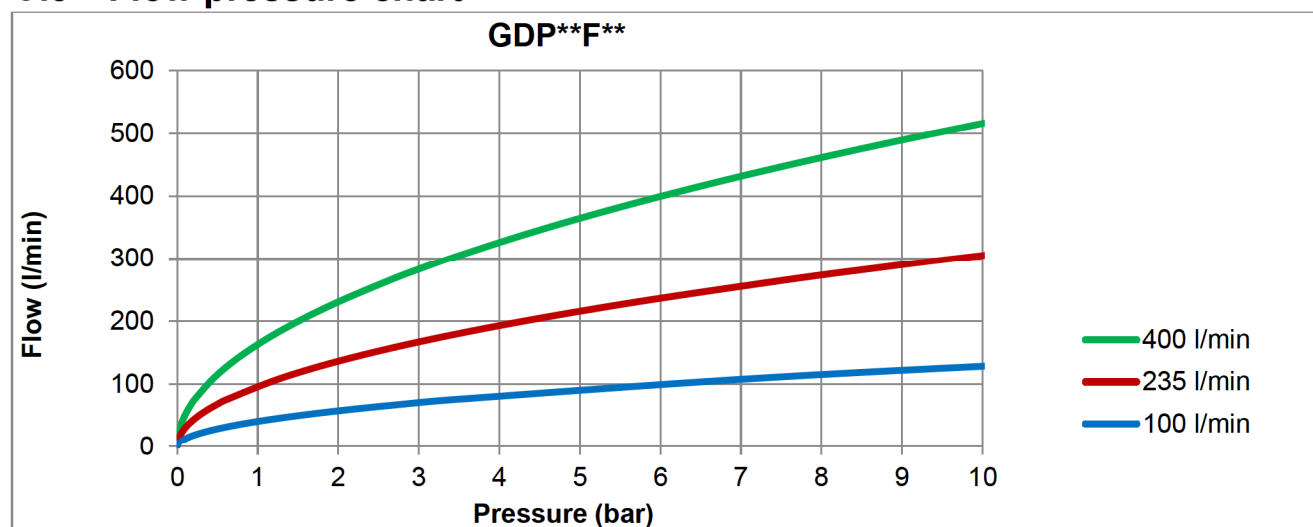
NOTE 1 The symbol * means “where applicable” in the whole datasheet

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	25 mm G-Force PN 16 models below:		
	GDP*2F**	GDP*3F**	GDP*5F**
	GDP*6F**		GDP*7F**
1.3 Type according to EN 15182-1 Annex A	Type 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)		
Flow	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
	EN 15182-2/4.2.1	Dimensions (mm)	$\leq 450 \times 300 \times 150$	244x226x120
	EN 15182-2/4.2.1	Mass (kg)	≤ 3.5	1.4
	Torques needed for moving operating elements (N·m)			
	EN 15182-2/4.2.2	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	≤ 10	4.4
		Jet adjustment element	≤ 10	1.7
		Rotating inlet element	≤ 5	2.6
	Flow adjustment *			
	EN 15182-2/4.2.3	Rotation from minimal to maximal flow	$\leq 180^\circ$	156°
	Jet adjustment *			
	EN 15182-2/4.2.4	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	Effective throw (m)	33	38
	Spray jet *			
	EN15182-2/4.2.4	Wide spray jet *: angle	$\geq 100^\circ$	PASS
	EN15182-2/4.2.4	Narrow spray jet *: angle	$\leq 30^\circ$	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
	EN15182-1/6.4	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
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