

# *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<sup>†</sup>:**

GDP*2E**	GDP*3E**	GDP*5E**	GDP*6E**	GDP*7E**
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<sup>†</sup>see CERT0101 for EN15182-4 (2019) PN 40 model numbers



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

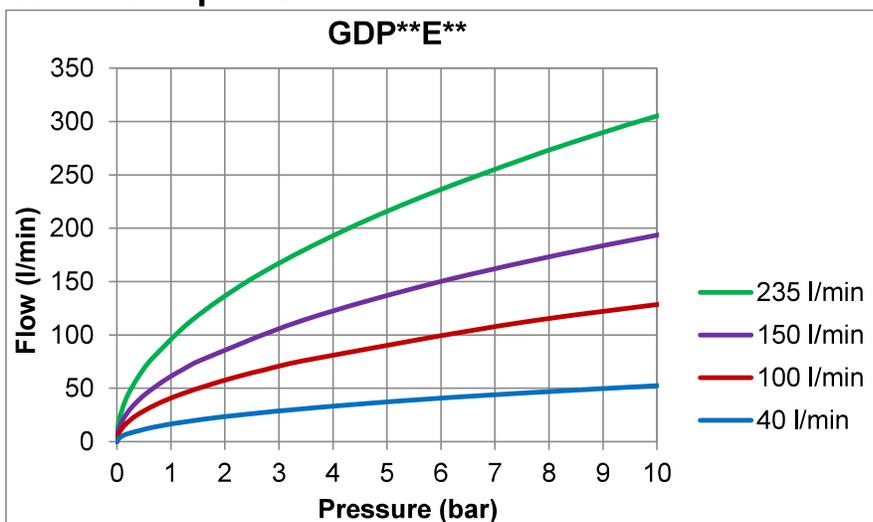
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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*2E**	GDP*3E**	GDP*5E**
	GDP*6E**		GDP*7E**
1.3 Type according to EN 15182-1 Annex A	3		
1.4 Flowrate (l/min) at $p_R$	235 l/min @ 6 bar		
1.5 Flow settings *	40, 100, 150, 235		
1.6 Type of spray *	Full cone		

#### C.3 Flow pressure chart



(l/min)	Reach (meters)		
	Straight	Narrow	Wide
40	11	5	2
100	18	8	3
150	24	10	4
235	31	12	6

## 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>	$\leq 450 \times 300 \times 150$	244x226x120	
		<b>Mass (kg)</b>	$\leq 3.5$	1.4	
	<b>Torques</b> needed for moving operating elements (N·m)				
	EN15182-2/4.2.2	Valve Handle (Bail)*	$\leq 15$	6.5	
		Open Valve with Trigger*	$\leq 15$	5.4	
		Engage Trigger Lock*	$\leq 15$	0.1	
		Disengage Trigger Lock*	$\leq 15$	5.0	
		Flow adjustment element	$\leq 10$	4.4	
		Jet adjustment element	$\leq 10$	1.7	
	Rotating inlet element	$\leq 5$	2.6		
<b>Flow adjustment *</b>					
EN15182-2/4.2.3	Rotation from minimal to maximal flow	$\leq 180^\circ$	156°		
<b>Jet adjustment *</b>					
EN15182-2/4.2.4	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	<b>Effective throw (m)</b>	27	31	
	<b>Spray jet *</b>				
	EN15182-2/4.3.4	Wide spray jet *: angle	$\geq 100^\circ$	PASS	
	EN15182-2/4.3.5	Narrow spray jet *: angle	$\leq 30^\circ$	PASS	

PHYSICS	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN15182-1/6.5.3	<b>Sensitivity to frost (°C)</b>	Operational after 30 min @ (-15±2)°C	PASS
	EN15182-1/6.5.2	<b>Sensitivity to heat (°C)</b>	Operational after 24 h @ (55±2)°C	PASS
	EN15182-1/6.4	<b>Non-obstruction test (mm)</b>	4,76	PASS
EN15182-2/4.5	<b>Burst pressure (bar)</b>	$\geq 60$ 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 \*:**

Alan J. Painter  
 Compliance Manager  
 Task Force Tips LLC