

# *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 PN 16 model numbers:**

GDP*1E**	GDP*2E**	GDP*3E**	GDP*5E**	GDP*6E**
GDP*7E** models with coupling larger than 25 mm only <sup>†</sup>				

<sup>†</sup>see CERT0101 for EN15182-4(2010) PN 40 model numbers



*For supporting documentation  
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*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

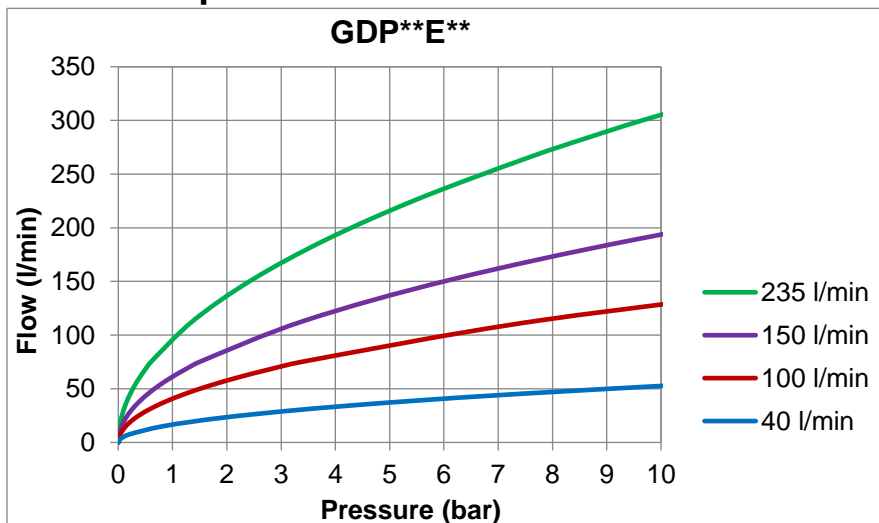
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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 PN 16 models below:
	GDP*1E**      GDP*2E**      GDP*3E**
	GDP*5E**      GDP*6E**
	GDP*7E** with coupling larger than 25mm only
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>	≤ 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	5.4
		Engage Trigger Lock*	≤ 15	0.1
		Disengage Trigger Lock *	≤ 15	5.0
		Flow adjustment element	≤ 15	4.4
		Jet adjustment element	≤ 10	1.7
EN15182-2/4.2.3	Rotating inlet element	≤ 5	2.6	
	<b>Flow adjustment *</b>			
EN15182-2/4.2.4	Rotation from minimal to maximal flow	≤ 180°	156°	
	<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>	27	31
		<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**