

# *Certificate of Conformance*

*to*

*EN15182-3 (2010) Handheld Branchpipes for Fire Service Use*

*Task Force Tips, Inc. certifies that the following nozzles meet or exceed the requirements found in the EN15182-3 (2010) standard.*

**FlipTip Smooth Bore  
Pn 16 model numbers:**

**FTT\*33\*-EN**

**FTT\*34\*-EN**

**FTT\*35\*-EN**

*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

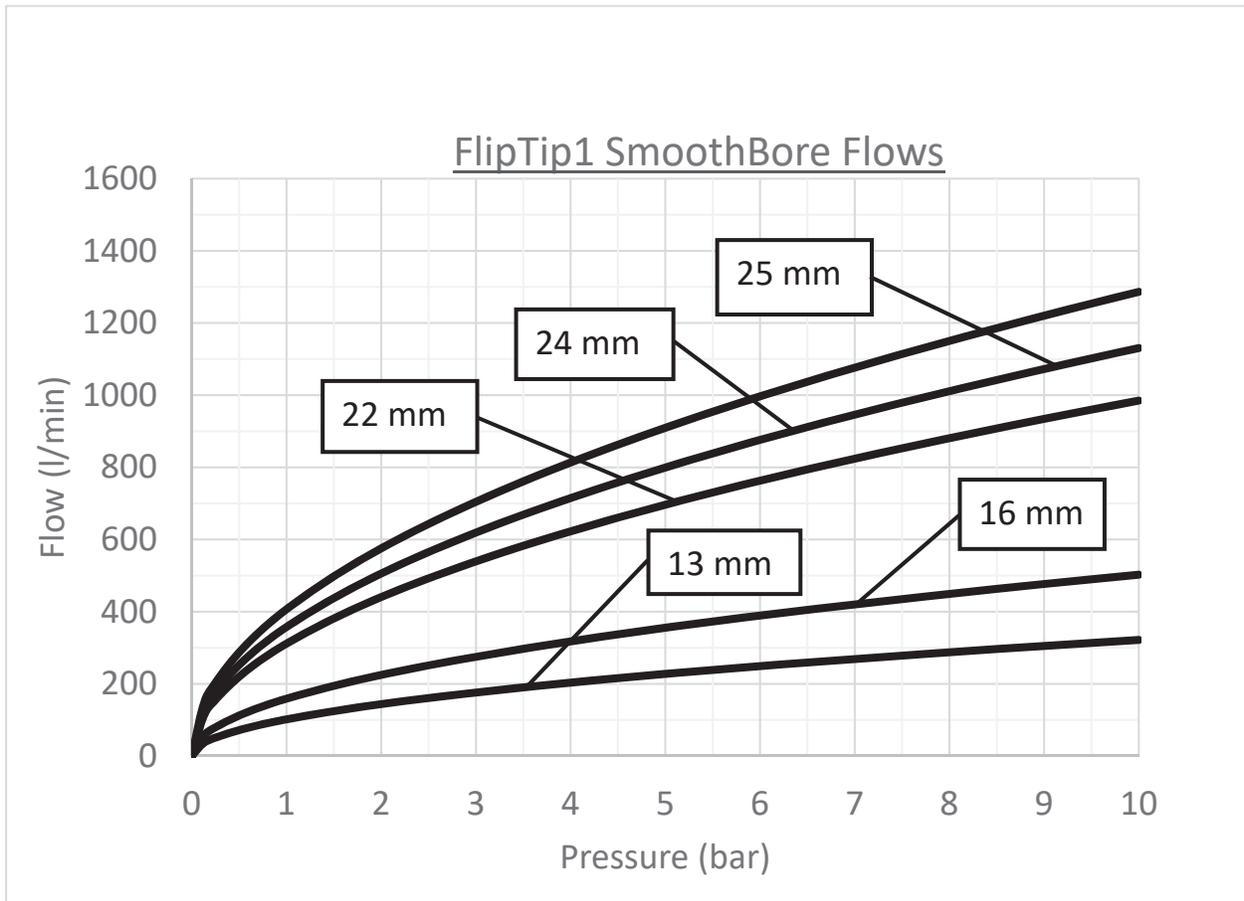
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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

<b>1.1</b> Manufacturer	<b>Task Force Tips, Inc., Valparaiso, IN</b>		
<b>1.2</b> Type	<b>FlipTip Smooth Bore Pn 16 models below:</b>		
	<b>FTT*33*-EN</b>	<b>FTT*34*-EN</b>	<b>FTT*35*-EN</b>
<b>1.3</b> Type according to EN 15182-1 Annex A	<b>15182-3</b>		
<b>1.4</b> Flowrate (l/min) at $p_R$	<b>996 l/min @ 6 bar (25mm)</b> <b>890 l/min @ 6 bar (24mm)</b> <b>763 l/min @ 6 bar (22mm)</b> <b>389 l/min @ 6 bar (16mm)</b> <b>249 l/min @ 6 bar (13mm)</b>		
<b>1.5</b> Flow settings *	n/a		
<b>1.6</b> Type of spray *	n/a (straight jet only)		

**C.3 Flow pressure chart**



**C.4 Operational devices**

<b>3.1 Fitting system</b>	Full time swivel
<b>3.2 Gripping device</b>	Pistol grip
<b>3.3 Open/shut-off device *</b>	Ball Valve
<b>3.4 Jet/spray system *</b>	n/a
<b>3.5 Flow adjustment system *</b>	n/a

## C.5 Requirements

OPERATING AND HANDLING	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result	
	EN15182-3/4.2.1	<b>Dimensions (mm)</b>	≤ 600x350x200	298x257x120	
		<b>Mass (kg)</b>	≤ 5.5	2.0	
	<b>Torques needed for moving operating elements (N·m)</b>				
	EN15182-3/4.2.2	Lever *	≤ 15	n/a	
		Valve Handle *	≤ 15	6.8	
		Rotating operating element	≤ 10	1.4	
		Rotating inlet element	≤ 5	2.0	
	<b>Flow adjustment *</b>				
	EN15182-3/4.2.3	Rotation from minimal to maximal flow		n/a	
<b>Jet adjustment *</b>					
EN15182-3/4.2.4	Rotation from straight jet to wide spray jet with a minimal spray angle of 100°		n/a		

PERFORMANCE	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result	
	EN15182-3/4.3.3	<b>Effective throw (m)</b>	25mm	40	53
			24mm	39	52
			22mm	38	49
			16mm	32	37
			13mm	27	32
	<b>Spray jet *</b>				
EN15182-3/4.3.4	Narrow spray jet *: angle	≤ 15°	n/a		

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
<b>PHYSICS</b>	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>	6,35	PASS
	EN15182-3/4.3.1	<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 EXCEED MILITARY SPECIFICATION MILA-8625F

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

**Alan Painter**  
**Compliance Manager**  
**Task Force Tips**