Certificate of Conformance

to

EN15182-2 (2010) Handheld Branchpipes for Fire Service Use

*Task Force Tips, Inc. certifies that the following nozzles meet or exceed the requirements found in the **EN15182-2 (2010)** standard.*

Ultimatic FO7 PN16

For supporting documentation contact us at www.tft.com

TASK FORCE TIPS, INC
REGISTERED TO ISO 9001:2008
FILE NUMBER 10001004 QM08

TASK FORCE TIPS

Delivers what our customers need, when they need it.

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, Inc. – Valparaiso, IN - USA**
1.2 Type	**Ultimatic FO7 PN16**

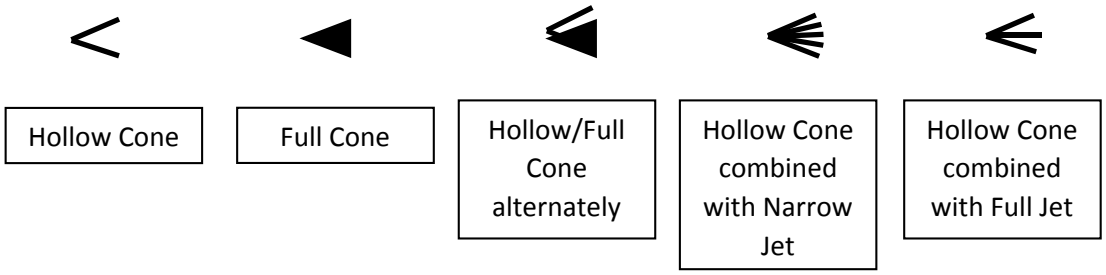
1.3 Type according to EN 15182-1 Annex A	**Type 4.1**

1.4 Flowrate (l/min) at p_R	**150-500 l/min @ 6 bar**
1.5 Flow settings *	

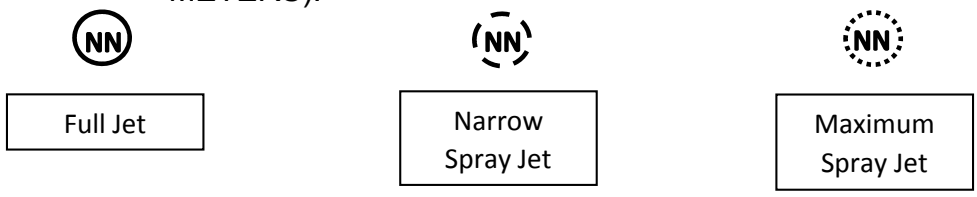
1.6 Type of spray *	**Full Cone**

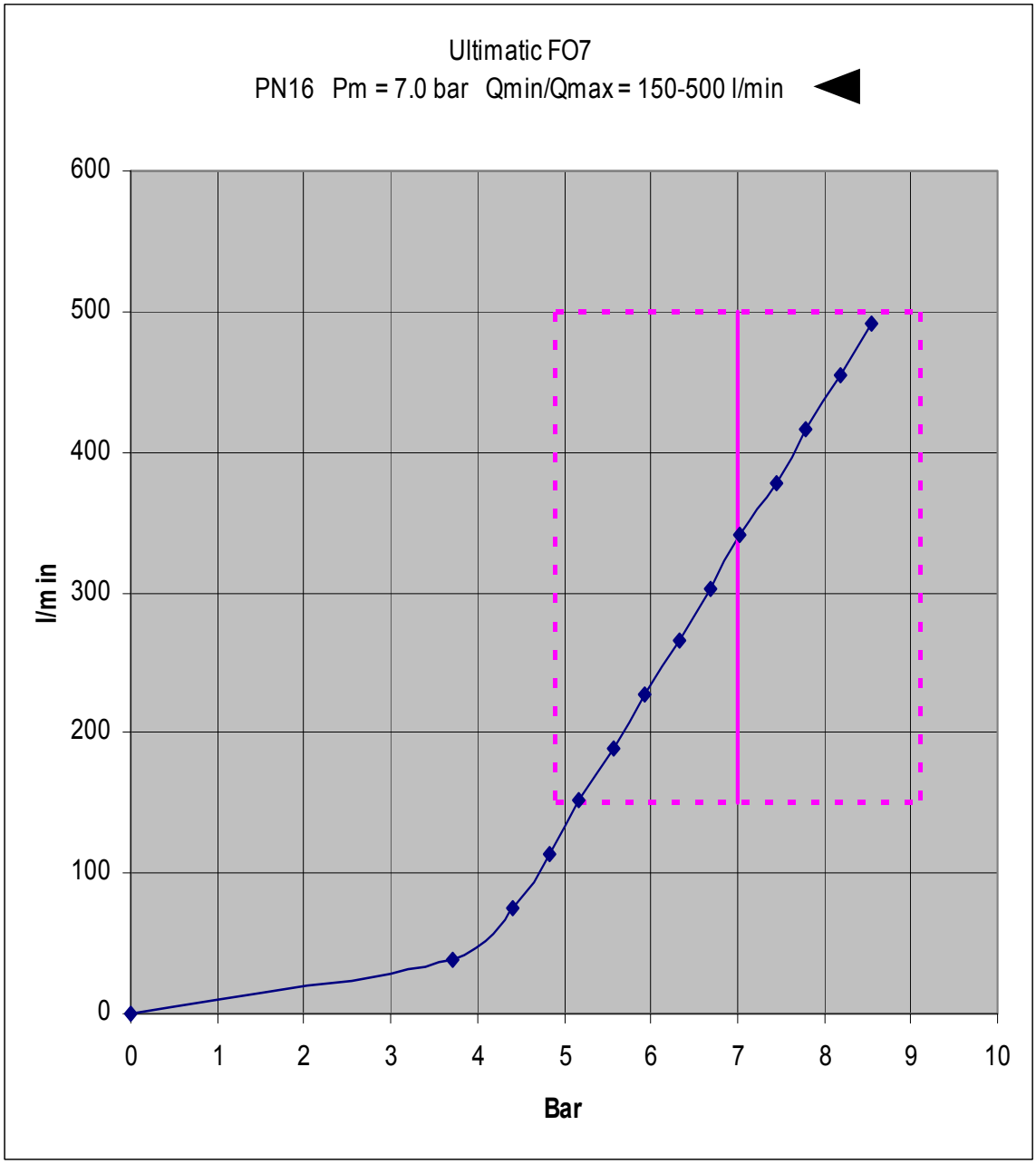
C.3 Flow pressure chart

Use the following symbols to represent different types of cone spray:



Use the following symbols to represent flow at spray types (NN represents throw in METERS):





150 l/min	500 l/min
28	44
10	11
5	3

C.4 Operational devices

3.1 Fitting system	Swiveling Coupling
3.2 Gripping device	Pistol Grip
3.3 Open/shut-off device *	Slide Valve
3.4 Jet/spray system *	Rotating operating element
3.5 Flow adjustment system *	Slide Valve

C.5 Requirements

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
OPERATING AND HANDLING	EN 15182-1/4.2.1	**Dimensions (mm)**	≤ 450x300x150	270x120x239
	EN 15182-1/4.2.1	**Mass (kg)**	≤ 3.5	1.4
	EN 15182-2/4.2.2	**Torques** needed for moving operating elements (N·m)		
		Lever *	≤ 15	N/A
		Valve Handle *	≤ 15	3.36
		Flow adjustment element	≤ 15	3.36
		Jet adjustment element	≤ 10	0.5
		Rotating inlet element	≤ 5	0.9
	EN 15182-2/4.2.3	**Flow adjustment ***		
		Rotation from minimal to maximal flow	≤ 180°	N/A
	EN 15182-2/4.2.4	**Jet adjustment ***		
		Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	70° - 180°	138°

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
PERFORMANCE	EN 15182-2/4.3.3	Effective throw (m)	32.5	44
		Spray jet *		
	EN 15182-2/4.3.4	Wide spray jet *: angle	≥ 100°	113°
	EN 15182-2/4.3.5	Narrow spray jet *: angle	≥ 30°	70°

	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
PHYSICS	EN 15182-1/7.2.2	**Sensitivity to frost (° C)**	Operational after 30 min @ (-15±2)°C	PASS
	EN 15182-1/7.2.1	**Sensitivity to heat (° C)**	Operational after 24 h @ (55±2)°C	PASS
	EN 15182-1/6.3.1	**Non-obstruction test (mm)**	4.76	PASS
	EN 15182-2/4.3.1	**Burst pressure (bar)**	≥ 60 bar	PASS

C.6 Operational extra data (no requirements)

Relevant sub clause number per standard	Item	Test Result
Ageing tests		
	UV test	
	Ozone test	
	Corrosion test	HARDCOAT EXCEED MILITARY SPECIFICATION MIL-A-8625F

C.7 Data certified by *:

Adam Ritchey
Quality Manager
Task Force Tips