



**Annex C**  
(normative)

**Datasheet for hand-held branchpipes for fire service use**

**C.1 General**

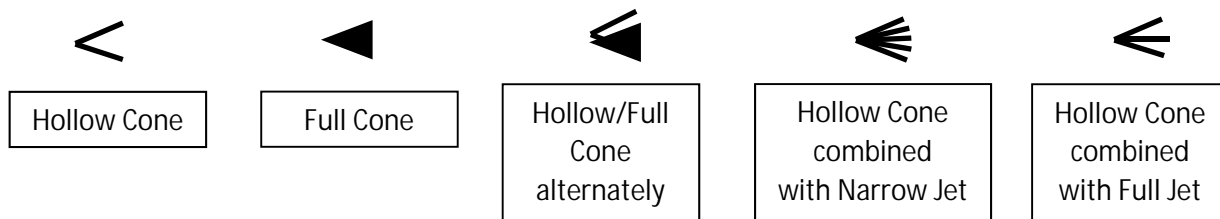
- NOTE 1** The symbol \* means “where applicable” in the whole datasheet  
**NOTE 2** Actual test results can be entered in the data sheet when these results exceed the minimum requirements given in this Standard

**C.2 General data**

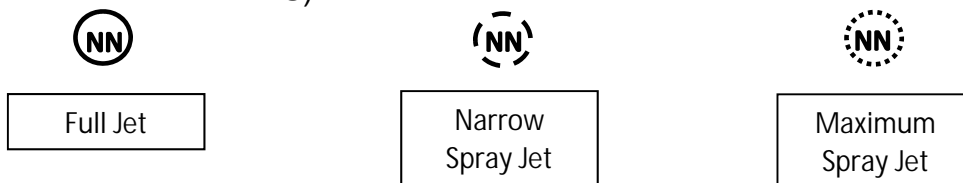
1.1 Manufacturer	<b>Task Force Tips, Inc. – Valparaiso, IN - USA</b>
1.2 Type	<b>Ultimatic FO6 PN16; 30-60° narrow spray jet detent zone</b>
1.3 Type according to EN 15182-1 Annex A	<b>Type 4.1</b>
1.4 Flowrate (l/min) at $p_R$	<b>400 l/min @ 6 bar</b>
1.5 Flow settings *	<b>0 – 400 l/min</b>
1.6 Type of spray *	<b>Full Cone</b>

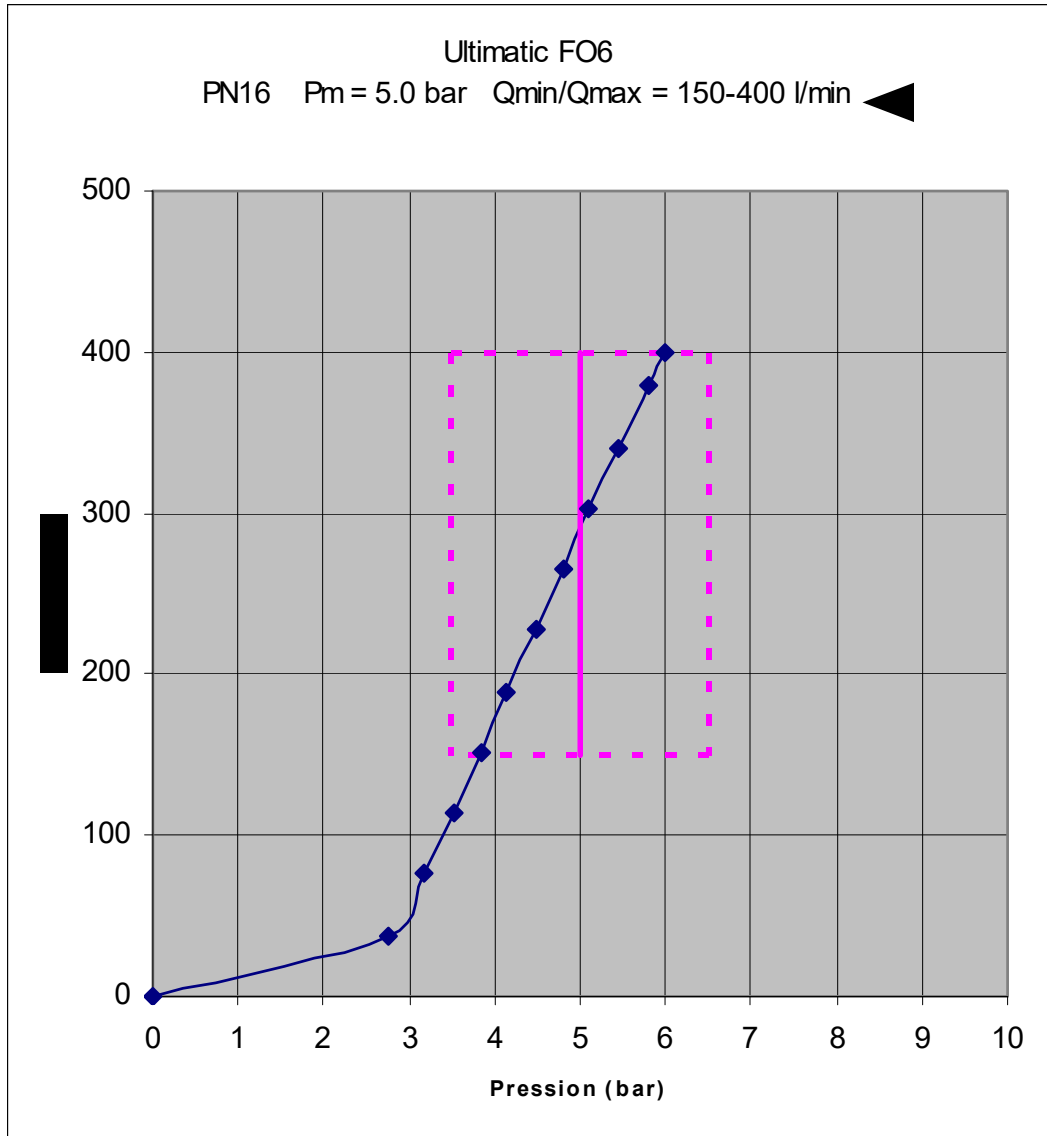
**C.3 Flow pressure chart**

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**

23

13.6

3

**400 l/min**

36

11

4

### 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

OPERATING AND HANDLING	Relevant sub clause number per standard	Item	Minimum Requirement	Test Result
	EN 15182-2/4.2.1	<b>Dimensions (mm)</b>	≤ 450x300x150	270x120x239
	EN 15182-2/4.2.1	<b>Mass (kg)</b>	≤ 3.5	1.4
	EN 15182-2/4.2.2	<b>Torques</b> needed for moving operating elements (N·m)		
		Valve Handle (Bale)	≤ 15	3.36
		Open Valve with Trigger	≤ 15	2.60
		Engage Trigger Lock	≤ 15	.113
		Disengage Trigger Lock	≤ 15	1.56
		Flow adjustment element	≤ 15	3.36
		Jet adjustment element	≤ 10	0.5
EN 15182-2/4.2.3	<b>Flow adjustment *</b>			
	Rotation from minimal to maximal flow	≤ 180°	N/A	
EN 15182-2/4.2.4	<b>Jet adjustment *</b>			
	Rotation from straight jet to wide spray jet with a minimal spray angle of 100°	70° - 180°	138°	

<b>PERFORMANCE</b>	<b>Relevant sub clause number per standard</b>	<b>Item</b>	<b>Minimum Requirement</b>	<b>Test Result</b>
	EN 15182-2/4.3.3	Effective throw (m)	32.5	36
		<b>Spray jet *</b>		
	EN 15182-2/4.3.4	Wide spray jet *: angle	≥ 100°	113°
	EN 15182-2/4.3.5	Narrow spray jet *: angle	≥ 30°	30°-60°

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

### C.6 Operational extra data (no requirements)

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

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

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