

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.

G-Force (GPU**) PN 16**

For supporting documentation contact us at 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

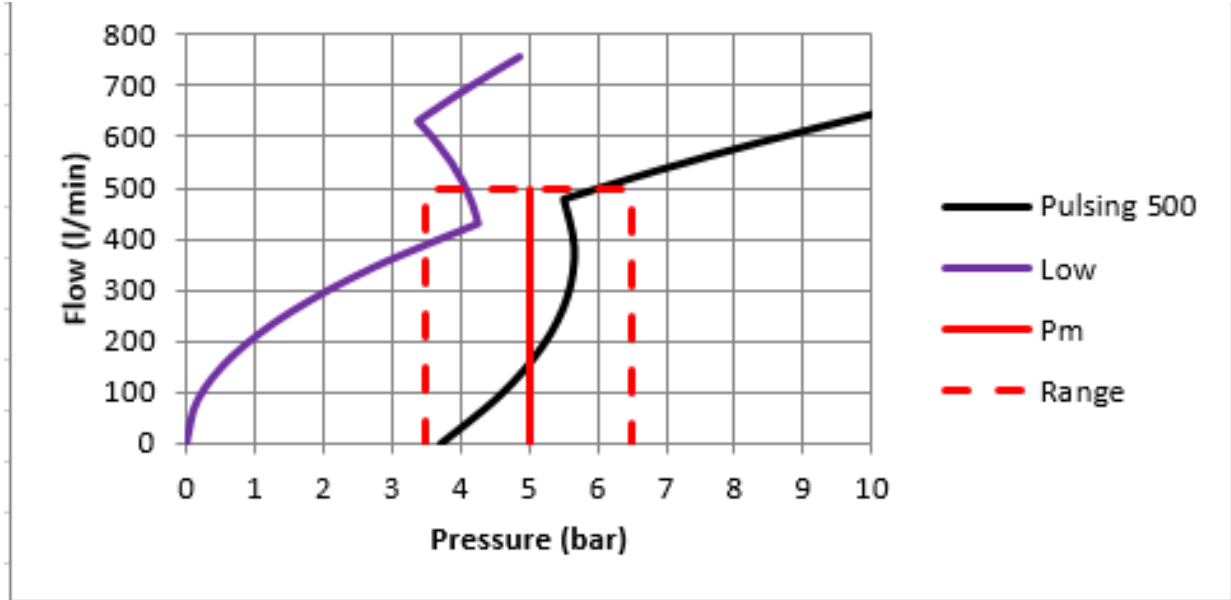
NOTE 1 The symbol * means “where applicable” in the whole datasheet

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

| | |
|---|--|
| 1.1 Manufacturer | Task Force Tips, Inc., Valparaiso, IN |
| 1.2 Type | G-Force (GP**U**) Pn 16 |
| 1.3 Type according to EN 15182-1 Annex A | 4.2 |
| 1.4 Flowrate (l/min) at p_R | 0-500 l/min @ 6 bar |
| 1.5 Flow settings * | Pulsing 500, Low |
| 1.6 Type of spray * | Full cone |

C.3 Flow pressure chart



| (l/min) | Reach (meters) | | |
|---------|----------------|--------|------|
| Flow | Straight | Narrow | Wide |
| 500 | 41 | 17 | 9 |

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 | Dimensions (mm) | ≤ 450x300x150 | 254x120x248 |
| | | Mass (kg) | ≤ 3.5 | 2.0 |
| | Torques needed for moving operating elements (N·m) | | | |
| | | Valve Handle (Bale) | ≤ 15 | 4.1 |
| | | Open Valve with Trigger | ≤ 15 | 3.38 |
| | | Engage Trigger Lock | ≤ 15 | .113 |
| | | Disengage Trigger Lock | ≤ 15 | 3.12 |
| | | Flow adjustment element | ≤ 15 | 5.6 |
| | | Jet adjustment element | ≤ 10 | 1.0 |
| | Rotating inlet element | ≤ 5 | 1.5 | |
| Flow adjustment * | | | | |
| EN15182-2/4.2.3 | Rotation from minimal to maximal flow | ≤ 180° | 156° | |
| Jet adjustment * | | | | |
| EN15182-2/4.2.4 | Rotation from straight jet to wide spray jet with a minimal spray angle of 100° | 70° - 180° | 160° | |

| PERFORMANCE | Relevant sub clause number per standard | Item | Minimum Requirement | Test Result |
|-------------|---|----------------------------|---------------------|-------------|
| | EN15182-2/4.3.3 | Effective throw (m) | 35 | 41 |
| | Spray jet * | | | |
| | 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 | Sensitivity to frost (° C) | Operational after 30 min @ (-15±2)°C | PASS |
| | EN15182-1/7.2.1 | Sensitivity to heat (° C) | Operational after 24 h @ (55±2)°C | PASS |
| | EN15182-1/6.3.1 | Non-obstruction test (mm) | 4,76 | PASS |
| | EN15182-2/4.3.1 | 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 MILA-8625F |

C.7 Data certified by *:

Adam Ritchey
Quality Manager
Task Force Tips