

# *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 (GDP\*\*U\*\*) PN 16**

*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**

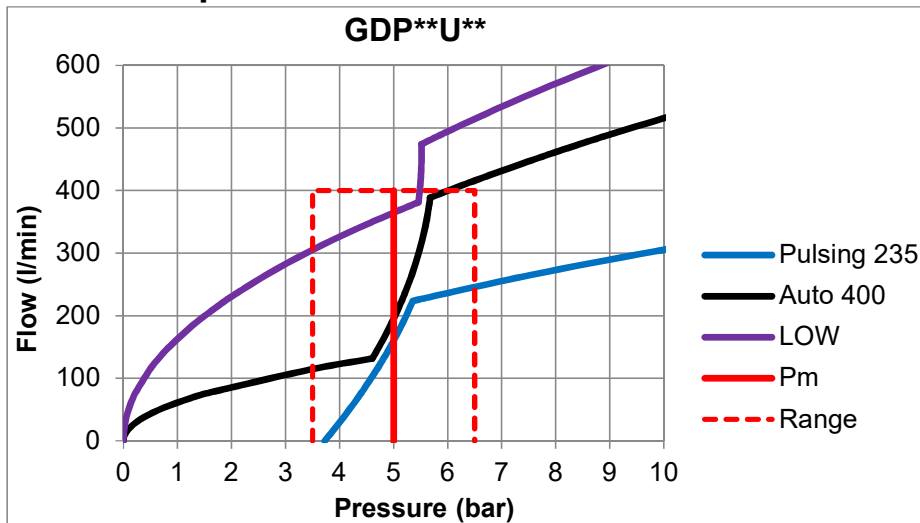
**NOTE 1** The symbol \* means “where applicable” in the whole datasheet

**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**

|  |                                      |
|--|--------------------------------------|
| 1.1 Manufacturer                         | Task Force Tips, LLC, Valparaiso, IN |
| 1.2 Type                                 | 25 mm G-Force (GDP**U**) PN 16       |
| 1.3 Type according to EN 15182-1 Annex A | 4.2                                  |
| 1.4 Flowrate (l/min) at $p_R$            | 0-400 l/min @ 6 bar                  |
| 1.5 Flow settings *                      | Pulsing 235, Auto 400, Low           |
| 1.6 Type of spray *                      | Full cone                            |

**C.3 Flow pressure chart**



| (l/min) | Reach (meters) |        |      |
|---------|----------------|--------|------|
|         | Straight       | Narrow | Wide |
| 235     | 31             | 12     | 6    |
| 400     | 38             | 15     | 8    |

## 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                | 3.4         |
|                        |   | Engage Trigger Lock*                                      | ≤ 15                | 0.1         |
|                        |   | Disengage Trigger Lock *                                  | ≤ 15                | 3.1         |
|                        |   | 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> | 33                  | 38          |
|                 |   | <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**