

## Técnicas e Ingeniería de Protección S.A

Av. Verge de Montserrat, 4.  
08970 Sant Joan Despi (Barcelona)  
Tel +34.936.021.822 – Fax +34.933.732.212

### Data Sheet VIPER VTE 1550

The following data sheet has been done to facilitate the main characteristics of the Nozzle.

- VIPER VTE 1550

The VIPER VTE 1550 it is a Variable flow TIP with a 1" Thread Fixed Inlet.



Sant Joan Despi, November 17<sup>th</sup>, 2023  
Latest text review, December 9<sup>th</sup>, 2024

**Jordi Gaya**  
Product Development Manager  
Fire Fighting Nozzles and Equipment

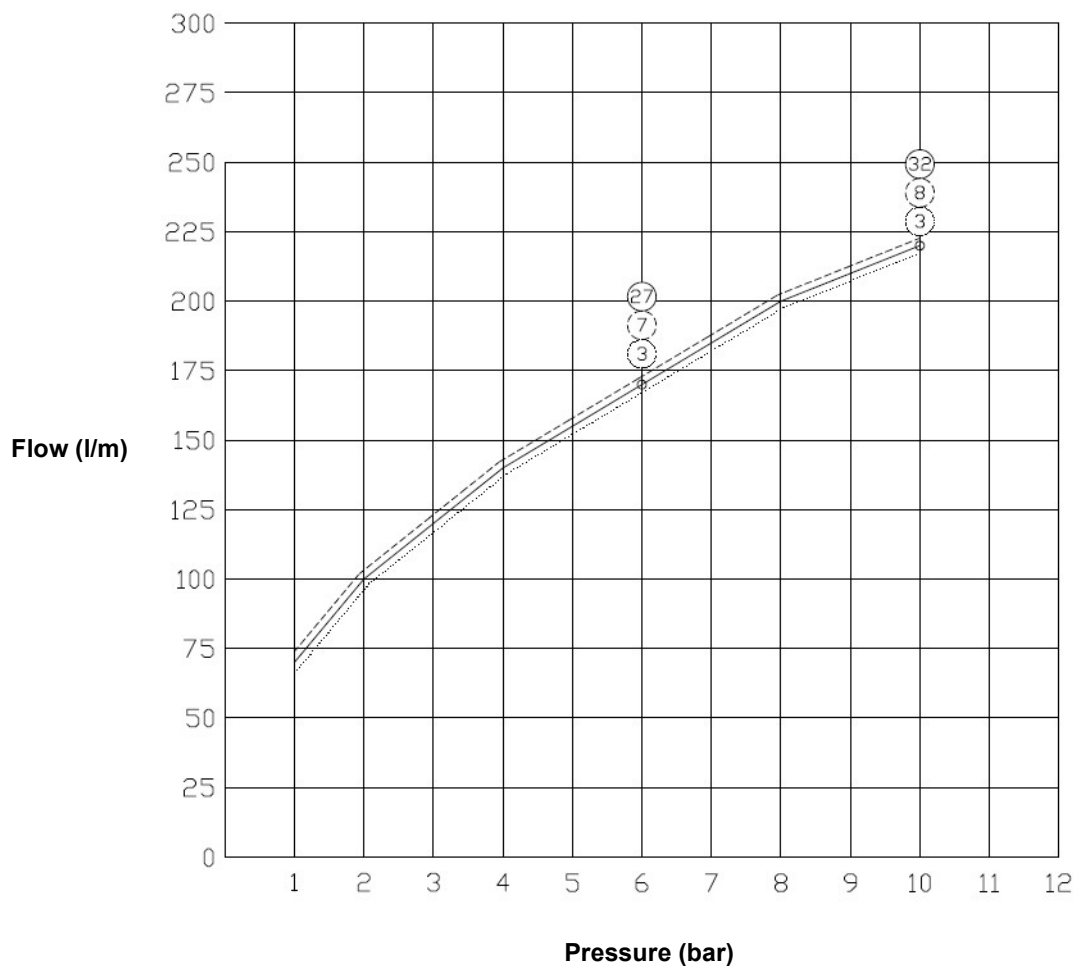
## Datasheet for VIPER VTE 1550

### General Data

|              |  |
|--------------|--|
| Manufacturer | Técnicas e Ingeniería de Protección S.A. |
| Type         | VIPER VTE 1550 1"                        |

|                           |   |
|---------------------------|---|
| Flow rate (l/min) a $p_R$ | 170 l/min at 6 bar   185 l/min at 7 bar |
|---------------------------|---|

### Flow pressure chart



Full Jet: Throw (m)



Narrow Spray Jet: Throw (m)



Wide Spray Jet: Throw (m)

## Dimensions & Performance:

|                          | Item  | Test result   |
|--------------------------|---|---|
| Dimensions & Performance | Dimensions Length (mm)  | 127   |
|                          | Mass (Kg)   | 0,202   |
|                          | Inlet / Connection  | 1" BSP/NST/NPSH   |
|                          |   |   |
|                          | Effective throw (m) 170 l/min                                   | 27 m  |
|                          | Wide spray jet*: angle  | 90° +/- 5°  |
|                          | Narrow spray jet*: angle  | 30°   |
|                          | K Index<br>(Measured in a Monitor Deck, not in a water cabinet) | 68<br><i>Important: This value will change when the nozzle is installed in a water cabinet.</i> |
|                          | Nozzle Tip Sequence   | Closed – Straight Stream – Fog  |
|                          |   |   |

## General Information:

Nozzle for Water Cabinets and general use.  
Produced in ABS resistant to impacts.  
1" Inlet in BSP/NST/NPSH.  
Rubber Bumper.

## CAUTION:

When working with nozzles near electric installations please be aware about the following important measures:

- 1.- Try to disconnect the electric mains as soon as possible.
- 2.- Minimum security distance is at least 1 meter for 1000 V.
- 3.- Please consider the low visibility when doing estimations of security distance.
- 4.- Never use Full Jet in electric fires, operate in narrow fog >45° or wide fog.
- 5.- Please be aware VTE 1550 is not an Electric Fire TIP

