The Ultimate Concept in Firefighting Nozzles

RYLSTATIC® is the ultimate concept in firefighting nozzles. It is a patented design made by TIPSA as a result of continuous research and development.

RYLSTATIC® is an improved alternative to fixed bumper teeth and spinning turbine teeth that improves firefighting nozzles in the following points:

1. Less friction loss
2. Improved FOG, more uniform with smaller water droplets. Greater heat absorption.
3. Ease of maintenance
4. Solid protection shield

1. Less Friction Loss

![Image 1a: Velocity of Water – Spinning teeth](image1a)

![Image 1b: Velocity of Water – RYLSTATIC®](image1b)

![Image 2a: Static Pressure Distribution – Spinning Teeth](image2a)

![Image 2b: Static Pressure Distribution – RYLSTATIC®](image2b)
2. Improved FOG, more uniform with smaller water drops. Greater rate of heat absorption.

The sooner the water starts its mixture with air, the better the FOG will become. The water drops are smaller but we have maintained the effective reach of the nozzle in FOG Positions.

3. Ease of Maintenance — No spinning teeth to break.

**RYLSTATIC® IS AVAILABLE IN THE**
Viper® Blue Devil®, Viper® Attack®, and Viper® Spartan® models.

*All of these nozzles have been designed and produced to meet the requirements of the National Fire Protection Association (NFPA) 1964 and the Spanish Association for Standardization (UNE) and European Standards (EN) -15182-1 and UNE EN 15182-2 Type 3.*