



**NEW**  
**FIRE-FIGHTING**  
**WYES**

Designed by

**LEADER**



# LEADER WYES:

## DESIGNED FROM *FiberTech*® COMPOSITE MATERIAL, LEADER WYES ARE EXTRA-LIGHT!

- ▶ **Huge weight reduction:**
  - Up to 60% compared to aluminium wyes
  - Up to 70% compared to brass wyes
- ▶ **Anticorrosion for use with foam concentrates or in saline environment**
- ▶ **Very low friction losses**
- ▶ **Good handling**
- ▶ **Robust**



3-way wyes

2-way wyes

	Inlet	Outlet	Dimensions (without coupling)	Weight (without coupling)
2-way	1"½ M	2x 1" M	163 x 180 x 108 mm	0.9 kg
2-way	1"½ M	2x 1"½ M	163 x 180 x 108 mm	0.9 kg
2-way	2"½ M	2x 1"½ M	163 x 180 x 109 mm	1 kg
3-way	2"½ M	2x 1"½ M 1x 2"½ M	350 x 393 x 231 mm	3.48 kg

- ▶ ***FiberTech*® composite body material**
- ▶ Integral passage way ball valve for very low pressure losses
- ▶ ¼ turn ball valve
- ▶ Ergonomic handles for easy opening/closing
- ▶ Carrying handle (3 way)
- ▶ Stabilisation feet
- ▶ Screws and axis made of stainless steel
- ▶ Coupling on request (DSP, Storz...)
- ▶ Any type of threading on request (BSP, NH, GFR...)
- ▶ Warranty: 5 years



Also discover our ranges of:  
**MONITORS, NOZZLES AND FOAM EQUIPMENT**



# FiberTech®

## THE NEW COMPOSITE MATERIAL FOR NOZZLES, INDUCTORS AND WYES

ALWAYS AT THE CUTTING EDGE, LEADER IS INTRODUCING INTO ITS FIRE-FIGHTING EQUIPMENT COMPOSITE MATERIALS WHOSE QUALITIES EQUAL OR EXCEED THOSE OF ORDINARY MATERIALS.



### COMPOSITE DEFINITION:

- ▶ A composite is a material consisting of:
  - a reinforcement - in this case glass fibres - which provide most of the material's mechanical properties,
  - and a matrix which acts as a binder.
- ▶ It perfectly replaces metal alloys.
- ▶ Composites are already **used in many applications in the automotive industry, aerospace, weapons, etc.**

### FiberTech® THE COMPOSITE USED IN OUR EQUIPMENT:

- ▶ A composite material based on high-performance glass fibre-reinforced polymers characterised by:
  - Very high resilience and exceptional stiffness
  - Dimensional stability and resistance to deformation
  - Good resistance to chemical agents
  - High impact resistance
  - High heat resistance
  - Good electrical insulation

### COMPOSITE CHALLENGES ALUMINIUM AND BRASS!

- ▶ **Far lighter** than brass
- ▶ Lighter than aluminium alloy
- ▶ Equal in terms of **mechanical strength** and durability to aluminium alloy
- ▶ Superior **corrosion resistance** compared to aluminium alloy and bronze:
  - in saline environments
  - in use with foam concentrates
- ▶ Equal to aluminium alloy for **resistance to chemicals**
- ▶ **Thermal resistance** : No deformation of the mass at high temperatures (unlike aluminium)
- ▶ **Thermal insulation**: The material naturally insulates the user from the cold
- ▶ **Electrical insulation**: Better protection for the nozzle operator



# WE **LISTEN** TO OUR CUSTOMERS TO DESIGN **TOMORROW'S** EQUIPMENT



Foam concentrates & foam proportioning



Mobile ventilation



Search and Rescue equipment



Fire training equipment



Thermal imaging



Fire extinction

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