

ansa

LEADER FIREFIGHTING NOZZLES: **ADVANCED TECHNOLOGY**

DESIGNED FOR SAFETY, RELIABILITY AND ROBUSTNESS.

■ Body in *FibærTæch*® composite i or hard anodized aluminium

Wide tactile marker indicates maximum flow (MultiFlow)

Large and bright tactile indicator for narrow cone fog attack position

> **Spray teeth:** Generate a fog of very fine droplets for cooling combustion gases

Spinning teeth (option)

Flow control handle:

- Large, easy to grasp
- Ideal design for the pulsing technique
- (4 open + 1 closed)
- Encapsulated detent system: Always clean and operational
 - Stainless steel slide valve for progressive opening/closing. Reduces water hammer effect
 - Stainless steel inlet screen keeps out debris

Swivel inlet



 Ergonomic pistol grip insulated against the cold Bumper made of polyurethane resistant to high temperatures, hydrocarbons and aggressive chemicals Three adjustable stream shapes:

- Straight stream for attack
- Full cone narrow spray pattern for attack

THREE SIZES:

Wide spray pattern for protection

Laser-etched marking for greater fire resistance

ACCESSORIES AND OPTIONS

- All coupling types
- Articulated joint
- Foam adapter
- Head with spinning teeth (turbine)
- Coloured flow control handle and pistol grip



Meets the required standards (EN, NFPA)



2 SERIES ALUMINIUM or FiberTech® COMPOSITE

CHOOSE FROM OUR RANGE TO CREATE CONFIGURATIONS APPROPRIATE TO YOUR FIRE MISSIONS.

MultiFlou Selectable flow nozzles – 6 bar









Slide valve nozzles with large ring for selecting flowrate and flush.



Slide valve nozzles with pressure regulating system. - Optimum jet pattern at all times - Optimised reach

- Ideal for the pulsing technique

	Size	Nozzle availa	e body ble in:
20 - 40 - 100 - 150 l/min	С	Aluminium	
40 - 100 - 150 - 235 l/min	С	Aluminium	
70 - 130 - 230 - 400 l/min	R	Aluminium	FiberTech®*
70 - 130 - 230 - 400 l/min	С	Aluminium	
100 - 250 - 350 - 500 l/min	R	Aluminium	FiberTech®*
285 - 500 - 800 - 950 l/min	L	Aluminium	

	Size	Nozzle b labl	ody avai- e in:
0-250 l/min	С	Aluminium	
0-400 l/min	R	Aluminium	FiberTech®*
0-400 l/min	С	Aluminium	
0-500 l/min	R	Aluminium	FiberTech®*
0-500 l/min Navy trigger	R	Aluminium	FiberTech®*
0-750 l/min	L	Aluminium	FiberTech®*



MultiMatic Automatic nozzles with selectable flow – 6 bar

HPMatic High Pressure automatic nozzle



Compact nozzles with slide valve

- combining up to 4 modes:
- Flow selection - Automatic

Œ

- Pulsing to produce very fine droplets
- at very high speed
- Low pressure to maintain an effective flow
- and reach at low pressure



Automatic ergonomic lightweight nozzle designed for use up to 40 bar. Handle lockable in fully open position.

	Size	Nozzle body available in:
235 pulsing - 400 l/min	С	Aluminium
235 pulsing - 400 l/min - dual pressure	С	Aluminium

	Size	Nozzle body available in:
0-250 l/min	R	FiberTech®*

* FiserTech®: LEADER Composite material







ALWAYS AT THE CUTTING EDGE, LEADER IS INTRODUCING COMPOSITE WITH PROPERTIES EQUAL TO OR BETTER THAN THOSE OF ORDINARY MATERIALS, IN THE DESIGN OF ITS FIREFIGHTING EQUIPMENT.



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,
 - a matrix which acts as a binder.
- It perfectly replaces metal alloys.
- Composite is used in many applications in the automotive industry, aerospace, weapons, etc.

FiberTech® THE COMPOSITE USED IN OUR EQUIPMENT:

- A composite material based on glass fibre-reinforced high performances 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 brass:
 - 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 inherently 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

HEAD OFFICE

Groupe LEADER S.A.S. ZI des Hautes-Vallées - Chemin n° 34 - CS20014 - 76930 Octeville sur Mer - France Tél +33 (0)2.35.53.05.75 - Fax +33 (0)2.35.53.16.32 info@leader-group.eu

SUBSIDIARIES

LEADER GmbH

Zur Fabrik 10 - 66271 Kleinblittersdorf - Germany Tel. : +49 (0) 6805/60067-0 - Fax : +49 (0) 6805/60067-10 info@leader-gmbh.de

AGENCIES

SPAIN / PORTUGAL / LATIN AMERICA spain.portugal.latinamerica@leader-group.eu

ww.leader-group.eu

LEADER NORTH AMERICA Inc. 109-A Summerville Drive, Mooresville, NC28115 - U.S.A Tel: + 1 (0)704-662-3377 - Fax: + 1 (0)704-662-3397 info@LeaderNorthAmerica.com

CHINA / HONG KONG / MACAU china@leader-group.eu

