

**DELTA  
FIRE**



# M-SERIES FOAM BRANCHPIPES

**MEDIUM EXPANSION**

## KEY USERS

- Fire & Rescue Services
- Marine
- Petrochemicals
- Fuel Storage Sites
- Oil & Gas
- Mining
- Chemical Facilities
- Major Industrials
- Aviation
- Nuclear

## KEY FACTS

- Manufactured in the UK
- ISO9001 Quality Controlled
- Long Throw Capability
- Stainless Steel Body
- Various Flow Options
- Stable Foam production
- Optional Pressure Gauge
- Optional On/Off Ball Valve
- Compact & Lightweight
- All International Inlets



**225, 450 & 900 Litre per  
minute Flow options**

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**DELTA FIRE**

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## **GENERAL DESCRIPTION**

The Delta M-Series Medium Expansion Foam Branchpipes have been designed for use with all foam types, producing long throws and coherent flows of stable medium expansion foam over a wide pressure range. The M-Series are strong, compact and lightweight and designed for use in conjunction with Delta Inline Foam Inductors.

Perfectly suited for tackling fire scenarios where rapid foam coverage is essential the M-Series Branchpipes require minimal water for effective fire suppression or blanket coverage of inflammable liquid spills. They are also the perfect choice for use with many of the new hazard material vapour suppression foams. Perfect powerful jets of medium expansion foam are produced, even at low branchpipe inlet pressures. Optimum inlet pressures are between 2 to 7 bar depending on the foam type. The M-Series have a stainless steel body available in a choice of three flow options and can be supplied in either International Orange, High-Viz yellow or Natural finish.

Optional pressure gauge and On/Off ball valves can be supplied for ease of operator control and carrying handles are fitted as standard on all models. Supplied with 2" BSP male threaded inlets the M-Series can accept any International inlet adaptor for compatibility to existing hoselines.



Designed and Manufactured by Delta Fire in the UK the M-Series Foam Branchpipe range is built under an ISO9001 Quality Management Standard from top quality materials and rigorously tested prior to dispatch.



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## GENERAL DESIGN

The Delta M-Series Foam Branchpipes are the culmination of extensive design and development work over many years resulting in a superior, high performance product suited to a wide spectrum of applications around the world.



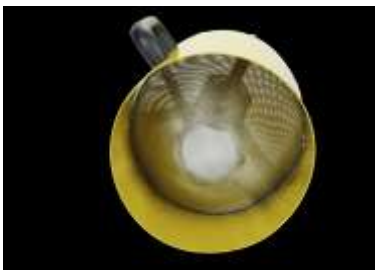
### Applications

Rapid coverage of flammable liquid spills.  
Hazmat vapour suppression.  
Extinguishment of fires with difficult access.  
Total foam flooding of cellars, cable ducts and small enclosures.  
Fixed versions available for Bund and Dyked protection.



### Flow Engineering

Delta's M-Series Medium Expansion Foam Branchpipes are flow engineered to provide three flow options – 225, 450 or 900 litres per minute to cater for all types of fire and spill risks. Fixed, bespoke flow options are also available for integration into fixed foam suppression systems.



### Materials

The M-Series are manufactured with a stainless steel body and mesh net for excellent corrosion resistance and can be supplied in a choice of finishes. Available with either black epoxy powder-coated or bronze nozzle holders the M-Series is incredibly robust and suited for use in any environments. A wide choice of light alloy or gunmetal International adaptors are available for ease of connection to existing equipment.



### Optional Extras

All Delta M-Series Foam Branchpipes can be supplied with lever-operated 'On/Off' ball valves as an optional extra. This allows the operator to have total control over the flow of foam at all times. Available in Light Alloy or Marine Brass to suit all climates and applications. A pressure gauge is also available for accurate monitoring of inlet pressures.

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## THE RANGE

The Delta M-Series Foam Branchpipes covers all possible applications for fast, effective discharge of medium-expansion foam. With a choice of epoxy powder coated models in International Orange or High-Viz Yellow or Natural Finish stainless steel models, the M-Series can be fitted with a wide range of International inlet adaptors for compatibility to existing hoselines.

Optional On/Off ball valves (light alloy or brass) and Pressure Gauges are available for ease of Operator control.

Product Code	Model	Inlet	Flow L/Min	Body material	Colour Options
FEP061028	M225	2" BSP Male	225	Stainless Steel	Hi-Viz Yellow, International Orange or Natural Finish
FEP071028	M450	2" BSP Male	450	Stainless Steel	Hi-Viz Yellow, International Orange or Natural Finish
FEP081029	M900	2½" BSP Male	900	Stainless Steel	Hi-Viz Yellow, International Orange or Natural Finish
XNADML207	Optional On/Off Ball Valve			Light Alloy	Natural Finish
MIS220002	Optional On/Off Ball Valve			Brass	Natural Finish
XFEDMM213	Optional Pressure Gauge				Black Case/White Case

## PERFORMANCE

Model	M225		M450		M900	
Operating Pressure	3	4	3	4	3	4
Nominal Flow (L/Min)	200	225	400	450	800	900
Foam Expansion	50		50		50	
Maximum Throw (m)	8		10		12	
Length (mm)	385		465		745	
Diameter (mm)	198		235		340	
Weight (Kg)	3.5		4.5		8.0	

## FIXED MODELS (MX-SERIES)



A fixed version of the M-Series, the Delta MX-Series Bund Pourers, are designed for both fire protection systems and vapour suppression in bunded or dyked areas surrounding flammable liquid or toxic chemical storage tanks. They are also ideally suited to other applications where large volumes of free flowing foam are required such as Process Areas, Warehouses and Cable Ductings etc. Bespoke flow-engineering is available to suit the specific system design. For further information please see MX-Series Foam Bund Pourer Data Sheet.

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