

Hi-Combat[®] Medium Expansion Foam Branchpipes MEX 225U & MEX 450U

- Tough, Lightweight and Compact
- High Volume
- Rapid Foam Cover
- Suitable for Use in Fixed Systems



Angus MEX Branchpipes produce medium expansion foam which is effective in a wide range of fires involving both flammable liquids and solids.

Fabricated in stainless steel the units are tough, lightweight and compact, fitting easily into fire appliance lockers. They produce a long range coherent foam stream at low pressures and the high volume of foam produced gives rapid coverage over a large area but with minimum water usage. This makes them ideal for rapid foam cover in outdoor situations or for enclosed fires where total flooding with foam is possible.

The Branchpipes are matched to Angus Foam Uniductors. The MEX 225U matches

the Angus UNI-225 Eductor and the MEX 450U matches the Angus UNI 450 Eductor. MEX 225U and MEX 450U are suitable for use with Angus Hi-Ex, Petroseal, and Alcoséal foam concentrates.

Angus Petroseal and Alcoséal produce stable high performance medium expansion foams when used with MEX Branchpipes and MEX Pourers.

Where foam destructive liquids may be involved Alcoséal foam provides the most flexible solution. Fires in hydrocarbon or polar solvent can be extinguished and toxic/flammable gas emission from spills can be suppressed.

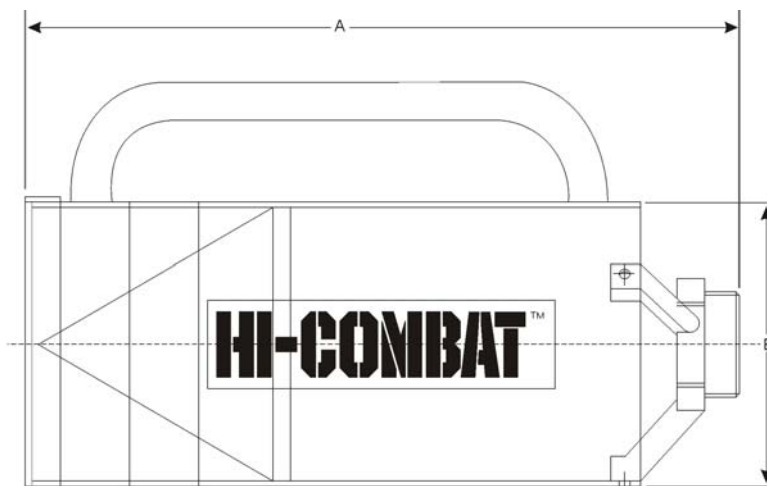
MEX Branchpipes/Pourers are also suitable for use in fixed systems (see MEX Dike Pourers data sheets 5100 and 5109).

Typical Applications

- Hydrocarbon liquid spill fires for example in road tanker or crashed vehicle fires.
- Fires in foam destructive fuels using Alcoséal foam.
- Total flooding applications such as cellars, cable ducts, engine rooms, storage rooms, etc. where solid and liquid fuels may be involved.
- Control of vapor release from toxic or flammable liquid spills. Specialist advice available from Angus.

Finish

Body and Handle:.....	Stainless Steel 304 Brushed
Coupling	Light Alloy
Nozzle	Chrome Plated Brass
Screen.....	Stainless Steel



Hi-Combat®

Medium Expansion Foam Branchpipes

SPECIFICATION		
	MEX 225U	MEX 450U
Weight (Including instantaneous coupling) - Lb (Kg)	8.0 (3.5)	11.25 (5.1)
Dimensions - In (mm)		
Overall Length: A	18 (455)	23.5(595)
Body Diameter: B	6-11/16 (170)	8.5(216)
Standard Fitting	2.5 (65)	2.5 Male Instantaneous Inlet
Optional Fitting		2 B.S.P. Male Inlet

PERFORMANCE												
Typical Performance (Using 3% Hi-Ex) Branch Type	Branch Pressure		Flow Rate		Expansion (Approx.)	Output		Range		K Factor		
	PSI	BAR	GPM	(LPM)		Ft³/Min	M³/Min	Ft	M	Eng	Met	
MEX 225U	36	2.5	36	135	55:1	310.7	8.8	19.5	6	6	85	
MEX 459U	36	2.5	75	285	55:1	551	15.6	26	8	12.5	180	

At recommended use concentrations, Petroseal and Alcoseal will give typical expansions of 40 - 45:1

SHIPPING SPECIFICATION: ONE CARTON		
	MEX 225U	MEX 450U
Gross Weight - Lb (Kg)	11.0 (5)	14.0 (6.5)
Dimensions - In (mm)	8.25 x 17.75 x 23 (210 x 450 x 585)	11 x 18 x 27.5 (280 x 460 x 700)

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