



BM FOIL SERIES

NOZZLES FOR VEHICLE FIRE PROTECTION

Spray Nozzle Engineering designs & manufactures total spraying solutions for Industry. Our expertise extends to vehicle fire protection nozzles incorporating patented protective nozzle cap systems. Just like our range of 'Blow-off' cap Nozzle series, the new **BM Foil nozzle** is also designed with Fire Systems in mind. The **BM Foil system** incorporates our NEW 'Foil In Cap' orifice protective system, that DOES NOT use rubber or silicone O-rings in the nozzle head cover, therefore ensuring that the **BM Foil series** IS NOT susceptible to polymer degradation and adhesion that can impede operation.

The **BM Foil Nozzle** design incorporates an orifice protected by a **Patented Foil Cover** that is designed to burst when required. In addition, this foil has the added benefit of a 'Positive Foil Dislodgement' system that ensures the foil protecting the orifice will fully dislodge, thus not interfering with Spray Distribution and Suppression Performance. Because the **BM Foil** does not use Rubber or Silicone seals and O-rings, it is perfect for applications where an All-Metal system is required over traditional non metal retention system; for example in high heat and dust susceptible environments found in Mining, Off Road vehicles and machines. The **BM range** is manufactured to **batch numbering standards**, and is available in both full brass construction, full stainless construction or a combination of the two for improved corrosion resistance. With three common sizes and two spray angles, the range can also be customized for individual applications.

BM-Foil Series nozzles produce uniform distribution of small to medium sized droplets in both standard and wide angle solid cone spray patterns; make the **BM-Foil Series** the first choice for vehicle engine bay foam fire protection applications in industries such as mining and farming.

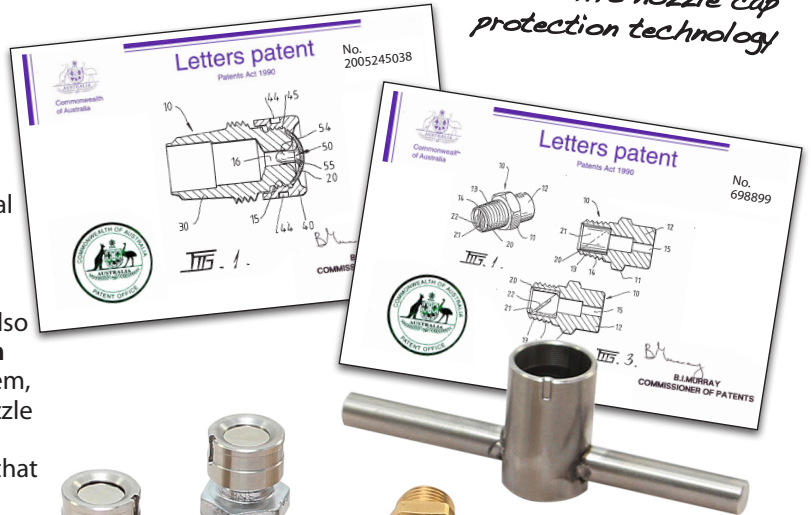
STANDARD & WIDE ANGLE - FULL CONE - Performance Data

Nozzle Thread Conn. BSPT (M)	Nozzle Code	Flow Capacity LITRES per minute @ BAR								Approx. Spray Angle		Approx Orifice Dia. (mm)	Free Pass. (mm)	Dimensions		
		K Factor	1 bar	2 bar	3 bar	5 bar	10 bar	15 bar	20 bar	3 bar	7 bar			A (mm)	B (mm)	Wt (gms)
1/4	BMF 8N	2.1	2.10	2.91	3.52	4.47	6.20	7.50	8.58	59°	53°	2.00	1.60	23.9	16.2	23.5
	BMF 17N	4.4	4.40	6.09	7.37	9.37	12.99	15.71	17.99	75°	69°	2.85	2.45	29.7	19.6	30.0
	BMF 16W	3.8	3.80	5.26	6.37	8.10	11.21	13.57	15.53	120°	90°	2.80	2.00	28.7	19.6	30.0

TYPICAL ORDERING INSTRUCTIONS for Brass BM 17 Foil Nozzle
SNE-BR-BM17FOIL-ASM

STANDARD MATERIALS
Brass, 303SS & 316SS

The market leader for over 20 years in patented Blow-off fire nozzle cap protection technology



Always demand ROLLED LIP for core retention for guaranteed spray dispersion



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