

FOAM NOZZLES

Medium foam nozzles M2, M4, M8



Materials:

Ball valve and jet made from aluminium alloy.

Conversion screens and pipe made from stainless steel.

Protection ring and handle made from rubber.

Medium foam nozzles are available with all international couplings as well as without couplings and/or shut-off.

DIN 14493 defines medium foam as a 20 to 200 factor expansion ratio depending on the foam agent used. The high foam coefficient makes it possible to cover areas and flood small rooms quickly., in particular when dealing with class A and B fires.

AWG medium foam nozzles are small and easy to use for mobile application in conjunction with our Z2, Z4 and Z8 inductors.

They fully comply with all the requirements of the DIN standard.

The water/foam agent mixture is sprayed through a jet against two conversion screens, where foam is created by air being sucked in. The excess pressure ahead of the conversion screen turns the droplets first into open bubbles and then into closed bubbles which results in a homogenous foam.

The selection of material and dimensions ensured a high resistance to corrosion and allows the nozzle to be compactly stored in wall-mounted hose boxes or appliances.

Medium foam nozzles are provided with pressure gauges as standard. We recommend an operating pressure of 5 bar at the nozzle

FOAM NOZZLES

Medium foam nozzles M2, M4, M8

Technical Data

	M2	M4	M8
ID no.	6 02516 99	6 02518 99	6 03732 99
Output l/min.	200	400	800
Throw distance m	8	10	12
Foam coefficient	50	60	40
Dimensions mm	545 x 250 x 205	630 x 305 x 270	840 x 310 x 355
Weight kg	4,3	5,6	5,2
Connection	C	B	B

FOAM NOZZLES

Heavy foam nozzles S2, S4, S8



Water, foam agent and air in a foamed, light density mixture produces an excellent flame-retardant effect.

- The water component cools down the surface of the fire.
- The foam blanket prevents oxygen getting to the burning material
- Preventative application of foam to substances at risk of fire prevents them catching fire.

Heavy foam nozzles

Ball valve and motive nozzle made from aluminium alloy. Pipe made from stainless steel. Protection ring and handle made from rubber.

In addition to the versions listed above, our heavy foam nozzles are available with all international couplings as well as without coupling and/or shut-off.

	S2	S4	S8
ID no.	1 00527 34	1 00538 34	6 02782 99
Output l/min.	200	400	800
Throw distance m	23	26	36
Foam coefficient	15	15	15
Dimensions mm	755 x 186 x 98	860 x 200 x 126	975 x 202 x 126
Weight kg	2,3	3,5	4,3
Connection	C	B	B

FOAM NOZZLES ADJUSTABLE

S2/M2, S4/M4

AWG offers adjustable foam nozzles to enable rapid switching between medium and heavy foam for targeted application during operation.

These units consist of a jet head with a switching element and two concentric pipes.

The inner pipe generates heavy foam while the outer pipe produces medium foam. The switching element directs the pre-mixed extinguishing fluid to either the inner or outer pipe. Swirl jets and conversion screens are fitted in accordance with the designs of our heavy and medium foam nozzles.



Materials:

Switching element and ball valve made from aluminium alloy. Conversion screen and pipe made from stainless steel. Protection ring made from rubber and handle made from plastic.

	S2/M2	S4/M4
ID no.	6 04773 33	6 04827 33
Output l/min.	200	400
Throw distance m	S = 16/M = 7	S = 27/M = 8
Foam coefficient	S = 15/M = 50	S = 15/M = 50
Dimensions mm	610 x 250 x 205	665 x 305 x 270
Weight kg	6,0	7,8
Connection	C	B