



# PRODUCT TYPE SPMH\*NE

## Non-Metallic Dome Head Stopping Plug

Ex eb : Ex ta : IP66 : IP68



### PRODUCT DESCRIPTION

"SPMH\*NE" Series Certified Non-Metallic Stopping (Blanking) Plugs provide a method of sealing unused entries in Ex equipment. They maintain Ex eb and Ex ta methods of protection and IP66, IP68 for IEC type applications.

### COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-7, EN 60079-31  
IEC 60079-0, IEC 60079-7, IEC 60079-31 & IEC 60529

EXAMPLE PART NUMBERING:  
SPMHINE/M20

<b>SP</b>	Stopping (Blanking) Plug
<b>MH</b>	Dome (Mushroom) Head
<b>I</b>	No IP O-ring(O) - Nitrile (1) - Silicone (3)
<b>N</b>	Nylon
<b>E</b>	Ex eb and Ex ta certification
<b>M20</b>	Male Thread

OPTIONAL ACCESSORIES:

<b>LOCKNUT</b>	Nylon (ACNLN) / Brass (ACBLN) / Stainless Steel (ACSLN)
<b>IP WASHERS</b>	Nylon [N] (ACNSW) / Fibre [J] (ACFSW)

<b>IP RATING:</b>	IP66 & IP68 (100 metres for 7 days)
<b>OPERATING TEMPERATURE:</b>	O-ring - None -25°C to +130°C O-ring - Nitrile -25°C to +100°C O-ring - Silicone -25°C to +130°C
<b>MATERIALS:</b>	Nylon
<b>IMPACT RESISTANCE:</b>	7J*

CERTIFICATION:

<b>UKEX</b>	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
<b>ATEX</b>	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
<b>IECEX</b>	Ex eb IIC Gb / Ex ta IIIC Da
<b>EAC</b>	1Ex e IIC Gb X / Ex ta IIIC Da X
<b>UKRAINE</b>	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
<b>CCC - China</b>	Ex e IIC Gb / Ex tD A20
<b>CCoE - India</b>	Ex eb IIC Gb / Ex ta IIIC Da
<b>ABS</b>	Specified ABS Rules
<b>LLOYD'S</b>	Ex eb IIC Gb / Ex ta IIIC Da

CERTIFICATION No:

<b>UKEX</b>	CML 21UKEX3045X
<b>ATEX</b>	CML 17ATEX3256X
<b>IECEX</b>	IECEX CML 17.0145X
<b>EAC</b>	TC RU C-GB.BH02.B.00693-18
<b>UKRAINE</b>	CLJ 18.0320 X
<b>CCC - China</b>	2021312313000374
<b>CCoE - India</b>	PESO P494321/1
<b>ABS</b>	20-LD1944057-PDA
<b>LLOYD'S</b>	LR2124442TA

STOPPING PLUG INFORMATION TABLE  
(ALL DIMENSIONS IN mm)

ISO Metric Thread	Hex Socket A/F	Thread Length	Overall Length	Weight (Kgs)	NPT Thread	Hex socket A/F	Thread Length	Overall Length	Weight (Kgs)
M16*	8.0	15.0	21.0	0.005	1/2"	10.0	15.0	21.0	0.010
M20	10.0	15.0	21.0	0.007	3/4"	12.0	15.0	21.0	0.015
M25	12.0	15.0	21.0	0.011	1"	14.0	15.0	21.0	0.022
M32	12.0	15.0	21.0	0.019	1 1/4"	19.0	15.0	21.0	0.032
M40	14.0	15.0	21.0	0.028	1 1/2"	19.0	15.0	21.0	0.036
M50	19.0	15.0	21.0	0.265	2"	19.0	15.0	21.0	0.052
M63	19.0	15.0	21.0	0.058					
M75	19.0	15.0	21.0	0.071					

Head Diameter = Minimum 5.5mm larger than the major thread diameter.

NOTES

- Assembly instructions must be read prior to installation and adhered to in full.
- The standard O-ring material is nitrile. Other options are available upon request.
- When selecting IP Washer material for use with plugs, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.
- \* Size M16 Stopping Plugs are only suitable for use in areas of low risk of mechanical impact