



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: SPMHNE/M20

SP	Stopping (Blanking) Plug
MH	Dome (Mushroom) Head
1	No IP O-ring(0) - Nitrile (1) - Silicone (3)
N	Nylon
E	Ex eb and Ex ta certification
M20	Male Thread

OPTIONAL ACCESSORIES:

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

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

CERTIFICATION:

UKEX	II 1D II 2G Ex eb IIC Gb / Ex ta IIIC Da
ATEX	II 1D II 2G Ex eb IIC Gb / Ex ta IIIC Da
IECEX	Ex eb IIC Gb / Ex ta IIIC Da
EAC	1Ex eb IIC Gb X / Ex ta IIIC Da X
UKRAINE	II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
CCC - China	Ex eb IIC Gb / Ex ta IIIC Da
CCoE - India	Ex eb IIC Gb / Ex ta IIIC Da
ECAS-Ex - U.A.E	Ex eb IIC Gb / Ex ta IIIC Da
ABS	Specified ABS Rules
LLOYD'S	Ex eb IIC Gb / Ex ta IIIC Da
DNV	Ex eb IIC Gb / Ex ta IIIC Da

CERTIFICATION No:

UKEX	CML 21UKEX3045X
ATEX	CML 17ATEX3256X
IECEX	IECEX CML 17.0145X
EAC	RU C-GB.AK58.B.05106/24
UKRAINE	CLJ 18.0320 X
CCC - China	2021312313000374
CCoE - India	PESO P494321/1
ECAS-Ex - U.A.E	25-06-153223/E25-06-159811/NB0007
ABS	25-0158110-PDA
LLOYD'S	LR25189453TA
DNV	TAE00004XK

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 ¼"	19.0	15.0	21.0	0.032
M40	14.0	15.0	21.0	0.028	1 ½"	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