

DATA SHEET:

# TYPE 'U' STOPPING PLUGS

Type 'U' Stopping Plugs are used to seal unused cable gland or conduit entries in Ex approved enclosures, maintaining the hazardous location certification and the overall integrity of the installation.



## Approvals & Specifications

ATEX/IECEX	Exd IIC Gb & Exe IIC Gb & Ex tb IIIC Db IP6X IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7, IEC/EN 60079-31, ATEX/94/9/EC
NEC/CEC	<b>Class I, Division 1 Groups ABCD</b> <b>Class II, EFG, Class III</b> UL1203, UL514B, UL50 C22.2 Nos. 30, 0.5, 0-M, 45, 18.3-04, 94-M91 <b>AExd IIC / AExe II Class I, Zone 1</b>
Thread Gauging	<b>Metric: 1.5mm Pitch- Medium Fit 6g</b> (Sizes M80 and larger are 2.0mm pitch as Standard) <b>NPT: Male L1 +/-1 Turn</b> Other Thread Forms Available on Application
Material Options	<b>Nickel Plated Brass 'N'</b> (-100 to + 150°C) <b>316 Stainless Steel 'S'</b> (-100 to +850°C)
'O' Ring Options	<b>Nitrile</b> (-30 to +90°C) <b>Silicone</b> (-50 to +230°C) Nitrile 'O' ring supplied as standard on versions with parallel male threads
Ingress Protection	<b>With 'O' Ring or Thread Sealant, (Non-Hardening)</b> <b>IP 66/68, NEMA 4X 316SS &amp; Nickel Plated Brass</b> <b>Without 'O' Ring or Thread Sealant, IP54</b>
Impact Resistance	<b>7Nm</b>
Clearance Holes	HLS Type 'U' Stopping Plugs are certified for Exe clearance hole applications, Type 'L1' locknuts are required to secure the installation

## Part Number Structure

*Example - U5.20.S.NT*

- Type 'U5' Stopping Plug, External Socket
- M20x1.5mm Male Thread
- 316 Stainless Steel
- Nitrile 'O' Ring

### Product

**U5** Exd/Exe Stopping Plug

### Thread Designation

Metric	NPT	NPS	ISO	ISO	ET	PG
16	½	½S	½P	½T	½E	7
20	¾	¾S	¾P	¾T	¾E	9
25	1	1S	1P	1T	1E	11
32	1¼	1¼S	1¼P	1¼T	1¼E	13
40	1½	1½S	1½P	1½T	1½E	16P
50	2	2S	2P	2T	2E	21
63	2½	2½S	2½P	2½T	2½E	29
75	3	3S	3P	3T	3E	36
80	3½	3½S	3½P	3½T		42
85	4	4S	4P	4T		48
90						
95						
100						

*Note: Metric sizes M80 and larger are 2.0mm pitch is Standard, for 1.5mm pitch add \**

### Material

### 'O' Ring

<b>N</b>	Nickel Plated Brass	<b>NT</b>	Nitrile (Std.)
<b>S</b>	316 Stainless Steel	<b>SC</b>	Silicone