Metallic conduit systems

Quick selection guide

Product selection guide

Conduit type	Type S	Type SS	Type SP	Type SN	Type LFH-SP	Type SPL	Type LFH-SPL	Type SPL-EF
Part number	**S**	**SS**	**SP**	**SN**	**LFH-SP**	**SPL**	**LFH-SPL**	**SPL-EF NEW**
Conduit material	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
Covering/overbraid	-	-	PVC	PA (nylon)	Polyolefin	PVC	Low fire hazard jacket	Thermoplastic jacket
Conduit colour								
Black (BL)	-	-	■	■	■	■	■	■
Grey (GR)	-	-	■	-	-	■	-	-
IP rating (with appropriate fitting)								
IP40	■	■	-	-	-	-	-	-
IP54	-	-	■	■	■	-	-	-
P65	-	-	■	■	■	-	-	-
P66	-	-	-	-	-	■	■	■
P67	-	-	-	-	-	■	■	■
P68	-	-	-	-	-	■	■	■
P69	-	-	-	-	-	■	■	■

Characteristics

Temperature range								
Static applications (°C)	-50 to +300	-50 to +350	-25 to +70	-25 to +90	-25 to +90	-20 to +105	-20 to +90	-40 to +105
Moving applications (°C)	-45 to +250	-45 to +250	-5 to +90	-5 to +105	-5 to +105	-5 to +105	-5 to +105	-30 to +105
UV resistance	Very high	Very high	Very high	High	High	Very high	High	Very high
Flexibility	High	High	High	Medium	High	Medium	Medium	Very high
Fatigue life	High	High	Medium	Medium	Medium	Medium	Medium	High
Low fire hazard	Inherent	Inherent	-	-	Enhanced	-	Enhanced	Enhanced
Halogen free	■	■	-	■	■	-	■	■
Self extinguishing	-	-	■	■	■	■	■	■
EMI screen	-	-	-	-	-	-	-	-
High mechanical strength	■	■	■	■	■	■	■	■
High abrasion resistance	-	-	-	-	-	-	-	-
Approvals								
BSI Kitemark	■	■	■	■	■	■	■	■
CE	■	■	■	■	■	■	■	■
UL / CSA	-	-	-	-	-	-	-	-
UR	-	-	-	-	-	■	-	-
DIN 5510-2	-	-	-	-	-	-	-	-
NF F	-	-	-	-	■	-	■	-
LUL 1-085	-	-	-	-	■	-	■	-
UNI CEI 11170	-	-	-	-	-	-	-	-
EN45545-2 to HL3	-	-	-	-	-	-	■	■
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	Type SPLHC	Type SPUL	Type SB	Type STC	Type SSB	Type SSBGS	Type SPB	Type SPTC	Type LFH-SPSS	Type SPLHCB
	SPLHC	**SPUL**	**SB**	**STC**	**SSB**	**SSBGS**	**SPB**	**SPTC**	**LFH-SPSS**	**SPLHCB**
	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
	Thermoplastic rubber	PVC	Galvanised steel	Tinned copper	Stainless steel	Stainless steel	PVC & galvanised steel	PVC & tinned copper	Stainless steel low fire hazard jacket	Thermoplastic rubber & stainless steel
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	-65 to +135	-20 to +75	-50 to +300	-50 to +300	-50 to +300	-50 to +300	-15 to +70	-15 to +70	-20 to +90	-65 to +135
	-45 to +150	-5 to +105	-45 to +250	-45 to +250	-45 to +250	-45 to +250	-5 to +90	-5 to +90	-5 to +105	-45 to +150
	Very high	High	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high
	Very high	Medium	High	High	High	High	High	High	Medium	High
	High	Medium	High	High	High	High	Medium	Medium	Medium	Medium
	-	-	Inherent	Inherent	Inherent	Inherent	-	-	Enhanced	-
	■	-	■	■	■	■	-	-	-	■
	■	■	-	-	-	-	■	■	■	■
	-	-	Enhanced	High	Standard	Standard	Enhanced	High	Standard	Standard
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