

PRODUCT OVERVIEW

Flexible conduit systems

Metallic & non-metallic systems
for cable protection



Liquidtight flexible metallic conduit systems

Quick selection guide



Quick selection guide

Conduit type	Type SSAMHL	Type SAMHURL	Type SAMHL	Type EMIEF-SPL	Type EMILFH-SPL
Part number	SSAMHL	SAMHURL	SAMHL	EMIEF-SPL	LFH-SPL
Conduit material	Stainless steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
Covering/overbraid	Thermoplastic jacket	Thermoplastic jacket	Thermoplastic jacket	Low fire hazard jacket	Low fire hazard jacket
Attributes	Anti-microbial and hygienic			Self extinguishing, low smoke and zero halogen	
Recommended fittings	Type SPL, SSPL and SAM fittings			Type SPL and SSPL fittings	Type SPL, SSPL and SAM fittings
Conduit colour					
Black (BL)	-	-	-	■	■
Grey (GR)	-	-	-	-	-
White (W)	■	■	■	-	-
IP rating (with appropriate fitting)					
IP40	-	-	-	-	-
IP54	-	■	■	-	-
IP65	■	■	■	-	-
IP66	■	■	■	■	■
IP67	■	■	■	■	■
IP68	■	■	■	■	■
IP69	■	■	■	■	■

Characteristics

Temperature range					
Static applications (°C)	-50 to +130	-50 to +130	-50 to +130	-40 to +105	-20 to +90
Moving applications (°C)	-5 to +150	-5 to +150	-5 to +150	-30 to +105	-5 to +105
UV resistance	-	-	-	Very high	High
Flexibility	High	High	High	Very high	Medium
Fatigue life	High	High	High	High	Medium
Low fire hazard	-	-	-	Enhanced	Enhanced
Halogen free	-	-	-	■	■
Self extinguishing	-	-	-	■	■
EMI screen	-	-	-	Enhanced	Enhanced
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	-	-	-	■	■



Type SPL-EF	Type LFH-SPL	Type SSPLHC	Type SPLHC	Type SPUL	Type SSPL	Type SPL	Type SPLHCB
SPL-EF	LFH-SPL	SSPLHC	SPLHC	SPUL	SSPL	SPL	SPLHCB
Galvanised steel	Galvanised steel	Stainless steel	Galvanised steel	Galvanised steel	Stainless steel	Galvanised steel	Galvanised steel
Low fire hazard jacket	Low fire hazard jacket	Thermoplastic rubber	Thermoplastic rubber	PVC	PVC	PVC	Thermoplastic rubber & stainless steel
Low smoke and zero halogen		Extreme high and low temperature		UL listed	Oil and chemical resistant		EMI Screen
Type SPL, SSPL and SAM fittings		Type SPL, SSPL and SAM fittings		Type SPL, SSPL and SAM fittings	Type SPL, SSPL and SAM fittings		Type SPLB fittings

■	■	■	■	-	■	■	-
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-40 to +105	-20 to +90	-65 to +135	-65 to +135	-20 to +75	-20 to +105	-20 to +105	-65 to +135
-30 to +105	-5 to +105	-45 to +150	-45 to +150	-5 to +105	-5 to +105	-5 to +105	-45 to +150
Very high	High	Very high	Very high	High	Very high	Very high	Very high
Very high	Medium	Very high	Very high	Medium	Medium	Medium	High
High	Medium	High	High	Medium	Medium	Medium	Medium
Enhanced	Enhanced	-	-	-	-	-	-
■	■	■	■	-	-	-	■
■	■	■	■	■	■	■	■
-	-	-	-	-	-	-	Standard
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-	-	-	-	-	-	-	■

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Liquid resistant flexible metallic conduit systems

Quick selection guide



Quick selection guide

Conduit type	Type LFH-SP	Type SN	Type SP	Type SPTC	Type LFH-SPSS	Type SPB
Part number	LFH-SP	SN	SP	SPTC	LFH-SPSS	SPB
Conduit material	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
Covering/overbraid	Polyolefin	PA (nylon)	PVC	PVC & tinned copper	Stainless steel low fire hazard jacket	PVC & galvanised steel
Attributes	Low smoke	Zero halogen	Oil and chemical resistant		EMI Screen	
Recommended fittings	Type SP fittings			Type SPB fittings		
Conduit colour						
Black (BL)	■	■	■	-	-	-
Grey (GR)	-	-	■	-	-	-
White (W)	-	-	-	-	-	-
IP rating (with appropriate fitting)						
IP40	-	-	-	-	-	-
IP54	■	■	■	■	■	■
P65	■	■	■	-	-	-
P66	-	-	-	-	-	-
P67	-	-	-	-	-	-
P68	-	-	-	-	-	-
P69	-	-	-	-	-	-

Characteristics

Temperature range						
Static applications (°C)	-20 to +90	-40 to +120	-25 to +70	-15 to +70	-20 to +90	-15 to +70
Moving applications (°C)	-5 to +105	-25 to +150	-5 to +90	-5 to +90	-5 to +105	-5 to +90
UV resistance	High	High	Very high	Very high	Very high	Very high
Flexibility	High	Medium	High	High	Medium	High
Fatigue life	Medium	Medium	Medium	Medium	Medium	Medium
Low fire hazard	Enhanced	-	-	-	Enhanced	-
Halogen free	■	■	-	-	-	-
Self extinguishing	■	■	■	■	■	■
EMI screen	-	-	-	High	Standard	Enhanced
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	-	-	-	-	-	-

Superflexible metallic conduit systems

Quick selection guide



Quick selection guide

Conduit type	Type SS	Type S	Type SSB	Type STC	Type SB
Part number	SS	S	SSB	STC	SB
Conduit material	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel	Galvanised steel
Covering/overbraid	-	-	Stainless steel	Tinned copper	Galvanised steel
Attributes	High corrosion	Corrosion		EMI Screen	
Recommended fittings	Type S fittings		Type SB fittings		
Conduit colour					
Black (BL)	-	-	-	-	-
Grey (GR)	-	-	-	-	-
White (W)	-	-	-	-	-
IP rating (with appropriate fitting)					
IP40	■	■	■	■	■
IP54	-	-	-	-	-
P65	-	-	-	-	-
P66	-	-	-	-	-
P67	-	-	-	-	-
P68	-	-	-	-	-
P69	-	-	-	-	-

Characteristics

Temperature range					
Static applications (°C)	-50 to +350	-50 to +300	-50 to +300	-50 to +300	-50 to +300
Moving applications (°C)	-45 to +250	-45 to +250	-45 to +250	-45 to +250	-45 to +250
UV resistance	Very high	Very high	Very high	Very high	Very high
Flexibility	High	High	High	High	High
Fatigue life	High	High	High	High	High
Low fire hazard	Inherent	Inherent	Inherent	Inherent	Inherent
Halogen free	■	■	■	■	■
Self extinguishing	-	-	-	-	-
EMI screen	-	-	Standard	High	Enhanced
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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