

Non-metallic conduit systems

Quick selection guide



Product selection guide

Type	Pitch	Type PA	Type PA	Type PA	Type PA	Type PF	Type PF	Type PI	Type PI	Type PR	Type PADL
Part number	Fine	PAFL	PAFL-S	PAFS	PAFH	PFFS	PFFH	PIFS	PIFH	PRFS	PADL
	Coarse	PACL	PACL-S	PACS	PACH	PFCS	PFCH	PICS	PICH	PRCS	
Conduit weight		Light weight	Light weight slit	Standard weight	Heavy weight	Standard weight	Heavy weight	Standard weight	Heavy weight	Standard weight	Standard weight
Conduit material		PA6	PA6	PA6	PA6	PA12	PA12	PA11	PA11	PA6	PA6
Covering/overbraid		-	-	-	-	-	-	-	-	-	-

Conduit colour

Black (BL)	■	■	■	■	■	■	■	■	■	■	■
Grey (GR)	■	-	■	■	-	-	■	-	-	-	-
White (W)	-	-	-	-	-	-	-	-	-	-	-

IP rating (with appropriate fitting)

IP40	■	-	■	■	-	-	■	■	■	■	■
IP65	-	-	-	-	-	-	-	-	-	-	-
IP66	■	-	■	■	■	■	■	■	■	■	■
IP67	■	-	■	■	■	■	■	■	■	■	■
P68	■	-	■	■	■	■	■	■	■	■	■
P69	-	-	■	-	■	■	■	■	-	■	■

Characteristics

Temperature range

Static applications (°C)	-40 to +120	-40 to +120	-40 to +120	-40 to +120	-50 to +110	-50 to +110	-50 to +110	-50 to +110	-50 to +110	-40 to +120	-40 to +120
Moving applications (°C)	-5 to +120	-5 to +120	-5 to +120	-5 to +120	-45 to +120	-45 to +120	-45 to +120	-45 to +120	-45 to +120	-5 to +120	-18 to +120
UV resistance	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high	Very high
Flexibility	High	High	High	Medium	Very high	High	Very high	High	High	High	Medium
Fatigue life	High	High	High	Medium	Very high	High	Very high	Very high	Very high	Medium	Medium
Low fire hazard	-	-	Standard	Standard	Standard	Standard	-	-	Enhanced	Standard	Standard
Halogen free	■	■	■	■	■	■	■	■	■	■	■
Self extinguishing	■	■	■	■	■	■	■	■	■	■	■
EMI screen	-	-	-	-	-	-	-	-	-	-	-
High mechanical strength	-	-	-	-	-	-	-	-	-	-	-
High abrasion resistance	-	-	■	■	■	■	-	-	■	■	■

Approvals

BSI Kitemark	■	■	■	■	■	■	■	■	■	■	-
CE	■	■	■	■	■	■	■	■	■	■	■
UL / CSA	-	-	■	■	■	■	-	-	-	-	■
DIN 5510-2	■	■	■	■	■	■	■	■	■	■	-
NF F	-	-	■	■	■	■	■	■	■	■	-
LUL 1-085	-	-	-	-	-	-	-	-	-	■	-
UNI CEI 11170	-	-	-	-	■	■	-	-	-	-	-
EN45545-2 to HL2	-	-	-	-	■	■	-	-	-	■	-
EN45545-2 to HL3	-	-	-	-	-	-	-	-	-	■	-