

Non-metallic conduit selection guide

Conduit System

	FPAS	FPASC	FPR	FPAH	FPI	FPIH	FPIHR	FPADS
		NEW 					NEW 	NEW

IP Rating	IP40								●
	IP66	●	●	●	●	●	●	●	
	IP67	●	●	●	●	●	●	●	
	IP68	●	●	●	●	●	●	●	
	IP69	●	●	●	●	●	●	●	

Compression Strength (kg / 100mm)	75	95	75	120	45	60	60	60
Pull Off Strength (kg) for 21/20mm size	40	40	40	70	30	50	35	15
High Fatigue Life	●	●			●	●	●	

Temp	Max	120 °C	120 °C	120 °C	120 °C	110 °C	110 °C	110 °C	120 °C
	Min	-40 °C	-40 °C	-40 °C	-40 °C	-50 °C	-50 °C	-50 °C	-40 °C

Low Fire Hazard	** Extra Standard							
	Halogen Free	●	●	●	●	●	●	●
	Self Extinguishing	●	●	●	●	●	●	●
Fire Tests	EN 45545-2			●			●	
	NFPA-130			●			●	
	AS/NZS 1530.3	●		●	●			

Approvals	Network Rail NR/L2/SIGELP/27421							
	TfL London Underground			●				
	UL Approved	●	●	●	●	●	●	
	Lloyds	●		●				

Network Rail	UV Resistance (35 years UK)							
	Suitable for areas prone to flood or immersion							
	Suitable for Class II installations							
	Dielectric strength 3.5kV							
	Abrasion Resistance	●	●	●	●	●	●	●
	Resistance to Solvents	●	●	●	●	●	●	●
EMC Performance								

Page Number	30	30	30	30	31	31	31	31
-------------	----	----	----	----	----	----	----	----

