



TECHNICAL SPECIFICATION

Product	Plastic Inserts		
Composition	Polyethylene Terephthalate Glycol (PETG)		
Colour	Clear		
Part Number	INS-L, INS-S		
Drawing Number	BE-14-003, BE-14-004		
General Description	End product is designed to insulate the inside walls of hatch in street light poles/columns in low voltage environments. The two sizes available are designed to fit either on their own, or together to provide coverage on most pole hatches. Are sold in kit form - Street Light Pole Kit.		
General Properties	Value	Units	Standard
Specific Gravity	1.17	g/cm ³	ASTM D-792
Water absorption	0.2	%	ASTM D-570
Light transmission	86	%	ASTM D-1003
Electrical Properties	Value	Units	Standard
Batch tested to	5000	Volts	-
Dielectric strength	410	V/mm	ASTM D-149
Mechanical Properties	Value	Units	Standard
Tensile strength	53	Mpa	ASTM D-638
Flexural strength	77	Mpa	ASTM D-790
Notched Izod Impact	88	J/m	ASTM D-256
Thermal Properties	Value	Units	Standard
Continuous working temperature	62	Degrees Celsius	-