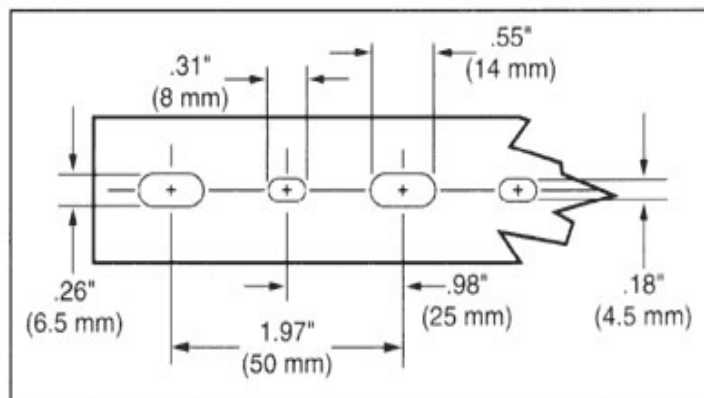
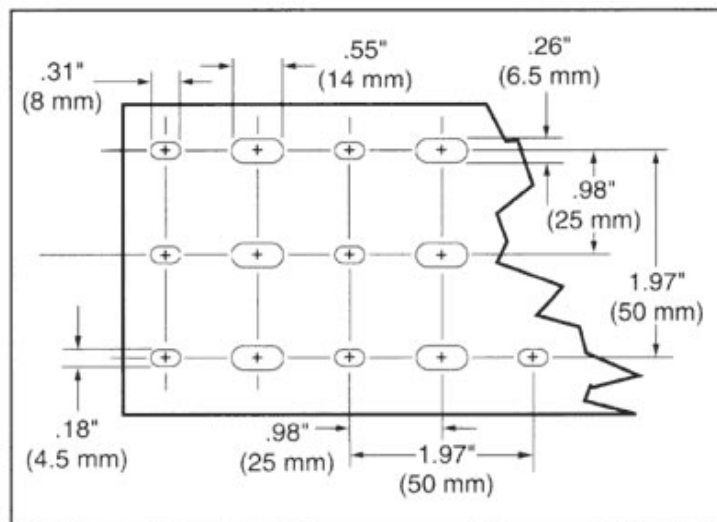


PRODUCT SPECIFICATION SHEET

Product Name: Closed Slot Wire Duct



Specifications

Technical Characteristics	Test Standard	Unit of Measure	Rigid PVC	Polypropylene	Polyamide 6	Polyethylene	FR Polyethylene
Chemical-Physical Properties							
Specific gravity	DIN 53479	g/cm ³	1.55	1.01	1.14	0.92	0.97
Formaldehyde	-	ppm	absent	absent	-	absent	absent
Cadmium	-	ppm	absent	absent	-	£10	£10
Mechanical Properties							
Tensile stress at break	DIN 53455	MPa	39	28	45	17	15
Elongation at break	DIN 53455	%	130	200	250	400	600
Modulus of elasticity	DIN 53457	MPa	3200	1700	1100	340	1400
Thermal Properties							
Temperature VICAT	DIN 53460	°C	84	95	198	90	95
HDT	ISO 75 R	°C	73	60	68	40	50
Continuous Operation Temp	-	°C	65	100	70	70	85
Electrical Properties							
Dielectric constant	DIN 53483	-	3.4	2.5	5.0	2.5	2.3
Dielectric strength	DIN 53481	kV/mm	35	25	30	14	14
Surface resistance	IEC 93	Ohm	10 ¹³	10 ¹³	10 ¹²	10 ¹³	10 ¹²

Specifications							
Technical Characteristics	Test Standard	Unit of Measure	Rigid PVC	Polypropylene	Polyamide 6	Polyethylene	FR Polyethylene
Self-Extinguishing							
Self-Extinguish- ing UL 94 3.2 mil.	UL 94	-	V-0	V-0	V-2	HB	V-1
Self-Extinguish- ing UL 94 1.6 mil.	UL 94	-	V-0	V-0	-	HB	V-2
Hot Wire Test (2mm)	CEI 50-11	°C	960	960	650	650	850
CSTB Classifica- tion	CSTB	-	M1	-	-	-	M3
Oxygen number	ASTM D 2863	%	43	30	25	17.5	25