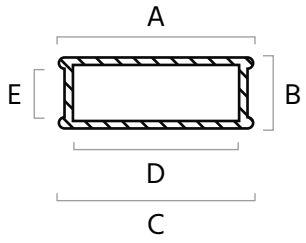
PRODUCT SHEET

CABLE TRAYS TRIGLASS®

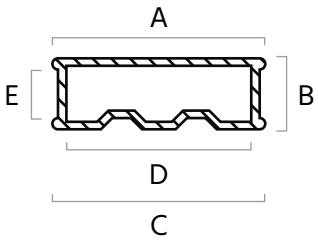
All dimensions are realizable upon order, with ample customization possibilities regarding reinforcements, resins, colors and finishes, based on minimum lots varying according to the required profile.
Nominal dimensions: mm

STANDARD TYPE A CABLE TRAYS

TYPE	A	B	C	D	E
50 X 50	64,5	55	59	50	50
80 X 80	95,4	85	90	80	80
100 X 50	115,4	55	110	100	50
120x100	136,4	105	131	120	100
120 X 120	136,4	125	131	120	120
140 X 70	156,4	75	151	140	70
140 X 100	156,4	105	151	140	100
140 X 140	156,4	145	151	140	140
175 X 70	191,4	75	186	175	70
175 X 120	191,4	125	186	175	120
175 X 175	191,4	180	186	175	175
200 X 80	216,5	85	211	200	80
300 X 80	316,4	82	311	300	76



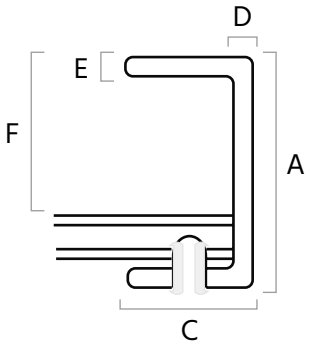
Type A cable tray



Type B cable tray

STANDARD TYPE B CABLE TRAYS

TYPE	A	B	C	D	E
400 X 80	417,4	86	411	400	80
500 X 80	517,4	86	511	500	80
600 X 80	617,4	86	611	600	80



Cable ladder

CABLE LADDER

TYPE	"P-50 (mm)"	"P-83 (mm)"	"P-120 (mm)"
A	50	83	120
B	200 - 300 - 400 -500 - 600		
C	30	30	50
D	3	3	3
E	4	5	3
F	31	63	102
L	6000	6000	6000

RAW MATERIALS

Fiberglass
Thermosetting resin

APPLICATIONS

Industrial plants
Infrastructure
Transport

PRODUCTS

100% Made In Italy

PRODUCT SHEET

CABLE TRAYS TRIGLASS®

VALUES REFER TO REINFORCED PROFILES WITH FIBREGLASS IN A POLYESTER AND VYNILESTER MATRIX.

Mechanical resistance values are to be considered at breaking. Typical tolerance for mechanical properties referred to the longitudinal direction: ±10%. The provided data is accurate. However, Top Glass does not assume any liability as to its use.

ADVANTAGES

Electrical insulation
Fire resistance
Durability

NOTES

Polyester resin possible also in antistatic formulation

CERTIFICATIONS

Recyclability certificate FRP200004

MAIN PHYSICAL - MECHANICAL PROPERTIES

PROPERTY	STANDARD	UNIT OF MEASURE	SELF-EXTINGUISHING POLYESTER Average Values	SELF-EXTINGUISHING ACRYLIC Average Values
Specific weight	ASTM D792	g/cm³	1,8	2
Dielectric strength	ASTM D149	kV/mm	5	10
Water absorption	ISO 62	%	0,4	0,5
Coefficient of linear thermal expansion	ISO 11359-2	K^{-1}	11×10^{-6}	9×10^{-6}
Thermal conductivity	EN 12667 EN 12664	W/mK	0,3	0,35
Longitudinal flexural strength	ASTM D790	MPa	400	300
Longitudinal flexural modulus	EN 13706	GPa	25	21
Fire reaction classification “F”	NF F 16-101	CLASS	F2	F0
Fire reaction classification “M”	NF P 92-501	CLASS	M2/M3	M1
Fire Reaction Classification	EN 45545	CLASS	——	HL 3
Flame spread and smoke development	ASTM E 84	CLASS	——	1
Ignition Point (Glow-Wire Test)	IEC 60695	°C	——	960 Non-dripping
Halogen content			YES	NO