

Conductive Component Trays

TY1, TY12, TY25, TY50

Description

Keep high value components secure with Bondline's conductive component trays. An excellent solution for PCB and component storage, packaging, shipping and aiding electronic assembly. Component trays are critical elements of packaging purpose-designed and integral to the safety and security of high value precision parts and components that need a superior level of protection and security in transit or in the plant. The trays are constructed from HIPS (High Compact Polystyrene) which ensures durable, precise and safe storage for the components. Each tray can be vacuum formed in almost any configuration to give versatile method of storage. Trays are available in 4 combinations to suit all requirements, including various number of cells, sizes and depths. These can be one use options or robust enough for re use many times over, designed for space saving storage whilst reducing road journeys.



Key Features

- ⚡ ESD-safe storage and packaging of static sensitive electronic components.
- ⚡ HIPS (High Compact Polystyrene) material.
- ⚡ Can be vacuum-formed in almost any configuration.
- ⚡ 4 combinations available (1 cell, 12 cell, 25 cell, 50 cell)
- ⚡ Affordable prices.
- ⚡ Re-usable.
- ⚡ RoHS and REACH compliant.
- ⚡ Compliant according to IEC-61340-1-5 International Standard.



Conductive Component Trays

TY1, TY12, TY25, TY50

Tray Size

TY1 –	325 x 175 x 25mm deep	Single cell	1 x 10mm stud
TY12 –	375 x 350 x 25mm deep	12 cells	103 x 79 x 24mm
TY25 –	305 x 250 x 22mm deep	25 cells	50 x 38 x 16mm
TY50 –	305 x 250 x 25mm deep	50 cells	42 x 26 x 13mm

Physical Properties	Test Method	Unit	Value
Density	ASTM D-1238	G/cm	1.05
Melt Flow Index	ASTM D-638	G/10min	2
Tensile Strength	ASTM D-638	MPa	25
Yield Strength	ASTM D-638	MPa	24
Elongation At Break	ASTM D-638	%	65
Elongation At Yield	ASTM D-638	%	3
Moudulus of Elasticity	ASTM D-790	MPa	2200
Vicat softening point 1.0 KG / 5.0KG	ASTM D-1525 Rate	Degrees Celcius	99
HDT 0.45 MPa	ASTM D-648	Degrees Celcius	90
Volume Resistivity	ASTM D-257	Ω cm	$<10^{(3)}$
Surface Resistivity	ASTM D-257	Ω	$<10^{(4)}$
Shrinkage	ASTM D-955	%	0.5
Hardness Shore D	ASTM D-2240		90



Eliminate Costly Static Damage...

Whether you are experiencing unacceptable levels of damage in transit, need a specific cleanroom solution or simply don't know which ESD safe equipment is best for you, we can help!

Request complimentary, no obligation advice by speaking with one of our technical experts today.

