

Static Control SBCB StaticBond® Charging Bars



StaticBond Charging Bars® provide a safe, controllable, reliable and cost-effective method of applying static charge for a temporary bond in industry.

Robust static generation bars to meet the temporary adhesion requirements of high-performance machinery.

FEATURES & BENEFITS

- All SBCB Charging Bars are designed for use at up to 60kV, for a stronger temporary bond, even for tougher applications and conditions
- SBCB6 Includes a connector for use with the 30kV or 60kV IONFIX Charge Generator
- SBCB5 and SBCB3 have connectors compatible with older 50kV & 30kV Charge Generators respectively
- Robust design, all parts completely encapsulated for reliability and safety
- Tungsten Emitters, resistively coupled for arc-resistance and a long, reliable life; 10 mm pitch for even charge application. Optional 5 mm pitch (T5) available for demanding applications

APPLICATIONS

- Wide range of electrostatic adhesion applications – interleaving, pinning, laminate worktops, labelling, in-mold labelling, wrapping, chill rollers, bagmaking



SBCB Charging Bar

Specifications	
Dimensions	20mm/0.79 x 69mm/2.72 Profile
Available Lengths	200mm/7.87 to 4000mm/157.48 in 10mm steps Active Length 70mm/2.76 less than Overall Length
Environment	Clean, dry and oil-free location. 0~60°C (32~ 140°F); 70%RH non-condensing
Construction	Extruded FR-ABS with ABS endcaps, epoxy resin encapsulant. Tungsten emitters at 10 mm pitch.
Mounting	Bars up to 500 mm have 2 sets M8 x 60 mm nylon hex-bolts, washers and hex-nuts, then 1 extra set for every additional 500 mm of bar length
Cable	2 m of 60 kV cable. Longer lengths can be specified at time of order. Cable terminates in HV connector. Protective nylon conduit on cable. Minimum bend diameter 100 mm/3.94
Safety	170 Mohm resistance for safe operation.
Certification	CE
Generator	SBCB3-xxx for 30 kV generators
	SBCB5-xxx for 50 kV generators
	SBCB6-xxx for all IONFIX generators
	State generator model at time of order
Options	T5: Tungsten emitters at 5 mm pitch 400 Mohm resistance
	Emitter Mask (Part No. 715003) to cover live emitter pins where they are not needed - see separate Datasheet. 1 m length to cut as required
	90° cable outlet

