sales@bondline.co.uk
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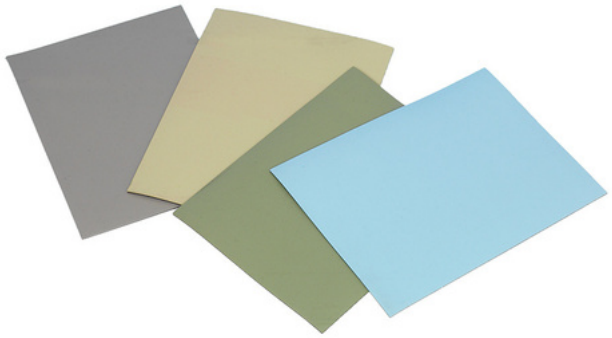
Work Area Savers

TECHNICAL DATASHEET

KSBSV

Description

Static-dissipative work area savers help to protect bench coverings in the immediate working area from solder marking, scalpel damage or any other contaminants. They are manufactured from our premium rubber KSMLF material. These can be purchased in packs of five and the standard colour is blue (unless specified). Our work area savers are highly durable work surfaces for an ESD sensitive environment. The dissipative top layer is resistant to abrasion, heat, solders flux and most commonly used solvents. The black conductive bottom layer provides a superior and consistent ground path. Very scratch resistant and prevents sliding of components. The smooth texture can be easily cleaned and maintained. Work Area Savers are compliant to IEC-61340-1-5 International Standard and certified for CE, RoHS and REACH regulations.



Compliant according to IEC-61340-1-5 International Standard

Key Features

- 400 x 300mm.
- Pack of 5 bench mats.
- Manufactured from our premium, rubber KSMLF material.
- Available in either blue, grey, green or beige (please specify).
- Protects bench coverings in the immediate working area.
- Easy to clean and maintain.
- Static-dissipative top layer and black conductive bottom layer.
- No clear scratch and well recovery.
- IEC-61340-1-5, CE, RoHS and REACH compliant.

Cleaning & Maintenance

For optimum electrical performance, the surface must be cleaned regularly using an ESD safe mat cleaner. We suggest using Staticide mat and tabletop cleaner for best cleaning results. This will maintain the original resistivity of the anti-static mat whilst extending its shelf-life.

Due to variations in computer monitor displays, colour shown may not be exact. Please request a sample for true accurate colour.

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Physical Properties	Typical Values
Thickness	0.076 (2.00mm)
Hardness - Upper Dissipative Layer	70 -5 + 5 shore A (Per ASTM D2240)
Hardness - Lower Conductive Layer	75 -5 + 5 shore A (Per ASTM D2240)
Scratch Resistance	No clear scratch and well recovery
UV Resistance	No major disc
Stud Force	6KG / 59cm (Recommended)
Heat Resistance	Resist holds irons and hot paste, rubber doesn't melt if in contact with hot metal parts and soldering debris
300% Tensile Strength - Upper Dissipative Layer	3.7Mpa
300% Tensile Strength - Lower Conductive Layer	3.7Mpa
Breaking Strength - Upper Dissipative Layer	18.7Mpa
Breaking Strength - Lower Dissipative Layer	3.7Mpa
Elongation At Break - Upper Dissipative Layer	690Mpa
Elongation At Break - Lower Dissipative Layer	250Mpa
Hardness - Upper Dissipative Layer	66°
Hardness - Lower Dissipative Layer	80°

Electrical Properties	Typical Values
Charge Decay	< 0.1 sec per FTMS 101C, M4046, TB-WINT-0008
Charge Generation	< 100 volts per ANSI/ ESD STM4.2

Mechanical Properties	Typical Values
Room Temperature	21°C
Humidity	62%