

Workstation Products

Field Service Kits

Sensitive microelectronic components can be damaged, even destroyed, by one ever-present enemy — static electricity. Electronic equipment is especially susceptible to static electricity during servicing.

Static dissipative products manufactured by 3M are designed to provide protection at a variety of field service sites, from typical office environments to remote telephone terminals. The standard field service kit quickly and reliably removes any static charge on the technician and provides a durable, static-free surface upon which to lay parts.

The lightweight version offers the same protection in a flexible, compact package. The telephone terminal service kit is especially designed to be installed at remote telephone switches or CEVs to provide convenient static protection on-site.

Practicing proper static control in the field can save time, money and aggravation for both your customers and your company. Enable your technicians to do the job right the first time with a static dissipative portable field service kit from 3M.

3M™ Field Service Kit Product Selection Guide

Features	Model	Page #
<i>Premium</i>		
Portable, 22 in. x 24 in. (55.9 cm x 61.0 cm), static dissipative, red worksurface, includes 3M™ Wrist Strap Monitor 725 and dual conductor wrist strap	8507	pg. 54
Portable, 15 in. x 20 in. (38.1 cm x 50.8 cm), static dissipative, red, lightweight worksurface, includes adjustable fabric wrist strap and grounding accessories	8505	pg. 53
<i>Standard</i>		
Portable, 22 in. x 24 in. (55.9 cm x 61.0 cm), static dissipative, red worksurface, includes adjustable fabric wrist strap and grounding accessories	8501	pg. 54
<i>Economy</i>		
Portable, 24 in. x 24 in. (61.0 cm x 61.0 cm), static dissipative, red worksurface, includes adjustable fabric wrist strap and grounding accessories, low cost	FSKL3RD	pg. 54

3M™ Portable Field Service Kit *Premium Performance*



3M™ Portable Field Service Kit 8505

The Portable Field Service Kit 8505 is a small, lightweight kit that offers the same level of static control as the full-sized 3M™ Field Service Kit 8501, yet is small enough to fit in a shirt pocket.

Product No.	Description
8505	Lightweight Portable Field Service Kit Kit contains: • Static Dissipative Worksurface with Pocket 0.015 H x 15 W x 20 L in. (0.34 mm x 38.1 cm x 51.0 cm) • 3M™ Adjustable Wrist Band 2204 • Lightweight Coiled Ground Cords: 3M™ Wrist Strap Ground Cord 2240, 5 ft. (1.5 m) 3M™ Extension Ground Cord 2243, 5 ft. (1.5 m) 3M™ Worksurface Ground Cord 3063, 5 ft. (1.5 m) • 3M™ Alligator Clip 3038

Custom logo imprinting on the worksurface is available.

Properties

Typical Property	Value
Resistance: (Surface-to-ground)	1 x 10 ⁶ ohm to 1 x 10 ⁹ ohm

Tested per ESD Association Standard 4.1 at 720F, 50% RH using 3M™ Test Kit 701 for Static Control Surfaces (Megohmmeter).

Workstation Products



3M™ Portable Field Service Kit 8507



3M™ Portable Field Service Kit 8501

Properties

Typical Property	Value
Resistance: (Surface-to-ground)	1×10^9 ohm to 1×10^9 ohm

Tested per ESD Association Standard 4.1 at 72°F, 50% RH using 3M™ Test Kit 701 for Static Control Surfaces (Megohmmeter).



3M™ Field Service Kit FSKL3RD

Properties

Product	Typical Value
Mat	3-layer, vinyl, red, 10^{7-8}
Common Ground Cord	15 ft. (4.6 m), 1 meg resistor, bulldog clip
Coiled Cord	6 ft. (1.8 m), 1 meg resistor
Wrist Band	Fabric, adjustable

3M™ Portable Field Service Kit *Premium Performance*

The Portable Field Service Kit 8507 with a 3M™ Wrist Strap Monitor 725 bundles together two static control products to give a field technician the same continuously monitored, static protected working environment as that enjoyed by workers in a manufacturing facility.

Product No.	Description
8507	Portable Field Service Kit includes Wrist Strap Monitor 725 and Dual Conductor Wrist Strap Kit contains: • Static Dissipative Worksurface, foldable, 0.021 H x 22 W x 24 L in. (0.5 mm x 55.9 cm x 61.0 cm) red with gray cotton edging. Two pockets, each 8 in. x 11 in. (20.3 cm x 28.0 cm), ground snap. • 3M™ Wrist Strap Monitor 725, 2.5 H x 2.6 W x 1.1 L in. (6.4 x 6.6 x 2.8 cm), black. Battery-powered, 9 V (not included). Ground cord, 6 ft. (1.8 m), with ground clip. Ground snap on unit to connect to the worksurface. • 3M™ Dual Conductor Adjustable Fabric Wrist Band 2368 • 3M™ Dual Conductor Coiled Cord 2370, 10 ft. (3.0 m)

3M™ Portable Field Service Kit *Standard Performance*

The Portable Field Service Kit 8501 is designed to provide effective static protection in a compact package for the electronics field technician. The entire kit folds to a size that fits easily into most tool cases. Two pockets sewn into the worksurface provide storage for the cords.

Product No.	Description
8501	Static Dissipative Portable Field Service Kit Kit includes: • Static Dissipative Worksurface 0.021 H x 22 W x 24 L in. (0.5 mm x 55.9 x 61.0 cm) • 3M™ Ground Cord Assembly 3051 • 3M™ Alligator Clip 3038 • 3M™ Adjustable Wrist Band 2204

Custom logo imprinting on the worksurface is available.

3M™ Field Service Kit *Standard Performance*

This Field Service Kit provides a complete, portable, static safe workstation for personnel working with electronics in the field. To stop static electricity from damaging electronic cards, a static safe work area is essential for field service technicians performing in-field repair or installation of cards. The Field Service Kit is used by technicians in telecommunications, computer, industrial controls and business equipment service applications. The entire kit folds to fit into most tool cases. Custom mat printing is available. Includes 24 in. x 24 in. (61.0 cm x 61.0 cm) mat with two pockets, wrist strap, ground cord and instructions.

Product No.	Description
FSKL3RD	Field Service Kit Kit includes: 1 - 24 in. x 24 in. (61.0 cm x 61.0 cm) Mat with two pockets 1 - Adjustable Fabric Wrist Band 1 - 6 ft. Coiled Cord 1 - Common Ground Cord, 15 ft. (4.6 m) with clip instructions