



Description:

SPI WF Series Dissipative Rubber is a unique material made of recycled tires. This totally new product is ideally suited for use as a highly durable floor runner or as a fully installed floor covering. The WF Series Dissipative Rubber Series provides an unbelievably durable floor surface that can withstand even the worst traffic conditions including hand trucks and fork lifts. When used as a full floor covering, the WF Series Dissipative Rubber has shown to have excellent resistance to problematic moisture conditions associated with new slabs or underground water pressure.

The WF Series Dissipative Rubber allows moisture to penetrate throughout the material and evaporate, eliminating the moisture entrapment of solid vinyl tiles or sheeting and epoxy coatings. It provides added benefits of an anti-fatigue floor surface with sound absorbing qualities. When used as a floor runner, it will always lay flat and never curl under rolling loads.

Specifications:

Surface Resistance:	10E7 - 10E8 Ohms, per ANSI/ESD S4.1
Volume Resistance:	10E7 - 10E8 Ohms, per ANSI/ESD S4.1
Weight:	0.75 lbs / sq ft.
Thickness:	0.156" tolerance \pm .010"
Colors:	Black with Royal Blue

Disclaimer:

All statements, technical data, and recommendations contained herein are based upon tests we believe to be reliable. However, the accuracy or completeness thereof is not guaranteed. The proper and correct applications of products and data is the responsibility of the user. Statements or recommendations not contained herein shall have no force or effect unless embodied in a written agreement signed by authorized offers of Desco Industries, Inc.

Features:

- Meets ANSI/ESD S20.20 requirements (not suitable as floor component in Flooring - Footwear System per ESD S97.1)
- Use as a highly durable floor runner or as a fully installed floor covering
- Can withstand even the worst traffic conditions, including hand trucks and fork lifts
- Excellent resistance to moisture associated with new slabs or underground water pressure
- Constructed of recycled tires; helps the environment
- Made in America

See reverse side for available roll sizes.

WF Series Dissipative Rubber

ESD SYSTEMS.com

ESD SYSTEMS.COM
432 NORTHBORO ROAD CENTRAL
MARLBORO, MA 01752 USA
TEL. (508) 485-7390 FAX (508) 480-0257



Visit our online
library of Tech Drawings:
ESDSystems.com

DRAWING NUMBER
WF Series

DATE:
December
2008

Item Number Reference For WF Series Dissipative Vinyl

ROLL STOCK



Roll Stock Item Number

SIZE	ITEM #
48" x 50'	96620

Hardware is not included with rolls.

Matting materials have a tendency to shrink slightly when first unrolled. In applications where length is critical, allow the material to relax for at least 4 hours before cutting to size. Always trim with a sharp knife or razor blade.

Grounding Intervals for ESD Mats

Sufficient ground cords should be used to reliably meet ANSI/ESD S20.20 Table 1 less than 1×10^9 ohms for worksurfaces. An industry recommendation has been that continuous runs of ESD matting should be grounded at ten foot intervals to allow proper charge decay rates with each individual ESD mat should be grounded with ground snap located no further than five feet from either end.



Technical Information:

The minimum recommended technical requirement range of ANSI/ESD S20.20 Table 1 for ESD Floor is $< 1 \times 10^9$ ohms.

“ESD protective flooring, used with approved footwear, may be used as an alternative to the wrist strap system for standing operations.”
(ANSI/ESD S20.20 section 6.2.2.2 Personnel Grounding Guidance)

Conductive mats are suitable as the flooring component in Flooring - Footwear System as primary grounding method ($< 3.5 \times 10^7$ ohms per ESD STM 97.1).

The ESD control property of being conductive or dissipative will only remove electrostatic charges to ground, if the mat is properly grounded. Testing to verify Resistance to Ground (RTG) should be part of your Compliance Verification Plan. Per ANSI/ESD S7.1 section 5.3.1.3 “Perform a minimum of five tests per contiguous floor surface material or a minimum of five tests per 5,000 square feet (464.5 m²) of floor material, whichever is greater. A minimum of three of the five tests should be conducted in those areas that are subject to wear or that have chemical or water spillage or that are visibly dirty.” Dirt is typically insulative and a dissipative ESD protected floor cannot fulfill its function if covered by insulative material.