





Pro-mat shown being used on shelving and as a worksurface



Size - L" x W" x TH" Item Snap 37670 11-3/4 x 35-1/2 x 1/16 Male 39780 11-3/4 x 35-1/2 x 1/16 Female 37672 11-3/4 x 59-1/2 x 1/16 Male 39787 11-3/4 x 59-1/2 x 1/16 Female 37673 17-1/2 x 35-1/2 x 1/16 Male 39792 17-1/2 x 35-1/2 x 1/16 Female 37676 23-1/2 x 35-1/2 x 1/16 Male 39858 23-1/2 x 35-1/2 x 1/16 Female 37674 23-1/2 x 47-1/2 x 1/16 Male 39796 23-1/2 x 47-1/2 x 1/16 Female 37675 23-1/2 x 59-1/2 x 1/16 Male 39800 23-1/2 x 59-1/2 x 1/16 Female

Custom sizes available. Ask for quote.

### **Features**

- Rtt 1 x 10<sup>6</sup> to < 1 x 10<sup>9</sup> ohms, meets worksurface recommendation of ANSI/ESD S4.1
- Economical ESD worksurface or shelving
- Meets required limits of ANSI/ESD S20.20 for worksurface and for shelving
- Low charging antistatic, dissipative surface
- Includes two 10mm (3/8") male stud or female socket grounding snaps
- Chemical resistant
- Great choice for shelves and transportation carts, or for messy soldering applications
- Impregnated material; greater durability
- Made from 100% recycled material, and is 100% recyclable
- Made in United States of America

#### RoHS, REACH, and Conflict Minerals Statement:

See the Desco Industries ROHS. Reach and Conflict Minerals Statement Descoindustries.com/ROHS3.aspx

See the Protektive Pak Limited Warrantv Protektivepak.descoindustries.com/Limited-Warranty.aspx

## Meets the required limits of ANSI/ESD S20.20, Packaging standard ANSI/ESD S541, and worksurface standard ANSI/ESD S4.1

#### **SPECIFICATIONS**

**Properties** 

Surface Resistance

Sloughing Test

Recyclability

**Typical Values** 

 $1 \times 10^6 \text{ to} < 1 \times 10^9 \text{ ohms}$ 

Negligible surface damage at 10 cycles and <5% of surface

damage at 200 cycles in Taber Abrasion Test. No conductive particles abrased from surface

Complete recyclability of package

**Test Procedures/Method** 

ANSI/FSD STM11 11

ASTM D4060 at 70 rpm with CS-17 abrasive-coated

wheels and 1000 grams load

Rockwell International Test Report of January 8, 1992 Rockwell International Test Report of January 8, 1992

"The most important functional consideration for worksurfaces is the resistance from the top of the surface to the groundable point. This establishes the resistance of the primary path to ground for items placed on the surface. When worksurface materials are being selected, consideration should be given to possible CDM damage to ESD sensitive products. If CDM damage is a concern, then setting a lower resistance limit for the worksurface should be considered. Typically, the lower limit for these types of worksurfaces is 1 x 10<sup>6</sup> ohms." [ESD Handbook ESD TR20.20 Worksurface section 5.3.1.7 Electrical Considerations1

Specifications and procedures subject to change without notice.



## PRO-MATS™

PROTEKTIVE PAK BURIED SHIELDING LAYER

PROTEKTIVE PAK

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**DRAWING NUMBER** 37670

DATE: December 2024

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