

Adhesive Mats



CLEANtack™ Adhesive Mats

Step One™ Adhesive Mats are made of thin layers of adhesive coated polyethylene film. These tacky layers remove particulates from shoes and cart wheels with each entry to the cleanroom.

Our Step One™ Mats are designed to resist adhesive transfer, preventing sheet-to-sheet delamination. This safety feature reduces any risk of worker related tripping and allows for carts to roll over the mat easily. To prevent distortion and slippage, the adhesive backing secures the mat to the floor.

Each mat has thirty numbered, removable sheets for quick and easy maintenance. Each number tab is a yellow film which is sealed to each adhesive sheet eliminating the introduction of particulate matter which could occur if the mat is number stamped. The edges are not beveled to ensure that each sheet is contaminate free and give you the highest possible surface area over each sheet. Step One™ Mats come in a variety of sizes and three colors - Blue, Grey and White. Custom sizes and beveled edge are also available.

Applications: Cleanroom, microelectronics, medical, printing, general maintenance.

Specifications

- Available in 10 Sizes
- 30 Pull-Away Sheets Per Mat
- Resistant to Adhesive Transfer
- Resistant to Sheet-to-Sheet Delamination
- Available in White, Blue or Grey
- Available in Moderate Tack (high or low tack available; special order)
- Mats Are Clean Bagged Within A Sturdy Cardboard Case
- Water based adhesive
- Four 30-Sheet Mats Per Case

*Specifications subject to change without notice.

Local: 330-896-7373
Fax: 330-899-0407
800-978-4299
www.plxindustries.org

PLX Portage **INC.**
Lakes
INDUSTRIES

1505 Corporate Woods Pkwy, Suite 500
Uniontown, OH 44685
info@plxindustries.com

Adhesive Mats



Step One™ Adhesive Mats

Please specify color when ordering

Product No.	Description	Size	Color	QTY/CS
CRP0430-1	30 sheet Adhesive Mat	18"x36"	White, Blue or Grey	4
CRP0430-2	30 sheet Adhesive Mat	18"x45"	White, Blue or Grey	4
CRP0430-3	30 sheet Adhesive Mat	24"x36"	White, Blue or Grey	4
CRP0430-4	30 sheet Adhesive Mat	24"x45"	White, Blue or Grey	4
CRP0430-5	30 sheet Adhesive Mat	36"x36"	White, Blue or Grey	4
CRP0430-6	30 sheet Adhesive Mat	36"x45"	White, Blue or Grey	4
CRP0430-7	30 sheet Adhesive Mat	36"x60"	White, Blue or Grey	4
CRP0430-8	30 sheet Adhesive Mat	26"x45"	White, Blue or Grey	4
CRP0430-9	30 sheet Adhesive Mat	36"x72"	White, Blue or Grey	4
CRP0430-10	30 sheet Adhesive Mat	40"x48"	White, Blue or Grey	4

Special Order Sizes Available

Additional  **Items Include:**

CleanRoll Film Adhesive Rollers

CRP0440-3R 3", White or Blue
 CRP0440-9R 9", White or Blue
 CRP0440-18R 18", White or Blue

CleanRoll Foam Adhesive Rollers

CRP0445-3R 3", White
 CRP0445-9R 9", White
 CRP0445-18R 18", White

Cleanroom Tape

CRP0790- ½ (½" width) CR0790- 2 (2" width)
 CRP0790- 1 (1" width)

Distributed By:



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TECHNICAL DATA SHEET

STEPONE ADHESIVE MATS

Product Code:	CR0430-Size, Color
Colors Available:	Blue, White, Grey
Sizes Available:	18x36, 18x45, 24x36, 24x45, 36x36, 36x45, 26x45, 36x72, 40x48
Packing:	Four 30-sheet mats per clean polybag One polybag per case

Specifications

Material:	Polyethylene
Pad Thickness:	1.8 mm
Structure of Mat:	a) First Cover sheet 60um b) 30 Disposable Sheets 50um c) Self-Adhesive Sheet 60um d) Last Cover Sheet 60um
Numbering:	Mark Numbers (1 to 30) On Thirty Peel Tags
Adhesive Power:	160 g / 25mm +/- 10
Ability of Dust Removal:	99.9% in Five Steps (100kg)
Measurement: (By KSA 1107-92)	
a) Thickness:	+/- 0.005mm
b) Width:	+/- 3mm
c) Length:	+/- 3mm
d) Adhesion:	+/- 10 g / 25 mm
e) Tensile Strength:	More Than 1.2 kg / 10 mm
f) Heat Resistance:	Pass (At 70 +/- 3 ^o C / 48 hours)
g) Cold Resistance:	Pass (At -13 +/- 3 ^o C / 48 hours)



MATERIAL SAFETY DATA SHEET

STEP ONE ADHESIVE MATS

Identification

Product Code: CRP0430

Product Description: The Adhesive Mat is a disposable, adhesive coated film used for the removal of particles in critical environmental areas.

Physical and Chemical Properties

Components:

Film	Polyethylene
Adhesive	Ethyl Acetate MEK Ethylhexylacrylate Buthylacrylate

Physical Data:

Film	Form: Sheets Color: Blue, White, Grey Specific Gravity: 0.92
Adhesive	Type: Acrylic Adhesive Solubility: Soluble in Acetone E.A.

Stability and Reactivity

Polyethylene Sulfuric Acid, Hydrochloric Acid, Nitric Acid Will soften P.E. Film.

Adhesive Acetone, E.A. Tolunen, Benzene Will Dissolve the Adhesive.

Potential Health Effects/First Aid Measures

Potential Health Effects: Adhesive Mats has been manufactured and used in industrial and as consumer products without any hazard effects on health. Adhesive Mats has been categorized as non-toxic.

Eye contact will produce a mechanical irritation. Skin contact should produce no skin irritation, swelling, or sensitization.



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MATERIAL SAFETY DATA SHEET

STEP ONE ADHESIVE MATS (continued)

First Aid- Eye Contact: Mechanical irritation- remove particle.
Seek medical help if irritation persists.

Other Precautions

Storage: Lay flat and Do Not bend or place on uneven floor. Keep away from heat, flames, chemicals, and solvents. Do not store longer than 6 Mo.



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