

Superior Tacky Rolls for Contact Roll Cleaning Machines



Tacky Adhesive Paper for Contaminate Removal

PACO•KLEEN™ "P" is specifically engineered for use as a debris and particulate removal component for use in lifting contaminants away from polymeric collecting rollers in Contact Cleaning Roller Machines.

PACO•KLEEN consists of a layer of proprietary, tacky adhesive, optimized for PCB manufacturing, applied to one side of a unique Low Dust Paper. The opposite side of the film is coated with a non-contaminating release treatment that assures easy unwind. When the exposed, outer layer [adhesive side] of film is clad with particulate matter, it can easily be cut away and disposed of. A fresh circumference of virgin, adhesive-coated Film is ready for use. The proprietary web coating process assures a complete cure of the adhesive and the release, eliminating the potential of transfer or contamination.

UNIQUE PACO•KLEEN PAPER FEATURES:

■ **Optimized Tack Level**

The Tack level is optimized to effectively work with a wide range of polymeric roller Durometer Levels and Surface Finishes.

■ **Adhesive Chemistry is Inert**

The fully cured, tacky adhesive side of PACO•KLEEN will not degrade or contaminate cleaning rollers [leave residue]. It is engineered to clean those rollers in contact with the work, lifting contaminants smaller than .002" [50µ] in size. The inert release treatment applied to the back side of the roll will not contaminate the adhesive and assures easy unwind.

■ **Longer Shelf Life**

The proprietary chemistries applied to both sides of PACO•KLEEN are hydrophobic and, therefore, will not be affected by humidity or storage factors.

■ **Precision Wound, Uniform Profile Rolls**

The substrate paper, adhesive, and release layers are controlled to strictest thickness specifications, eliminating profile inconsistencies. PACO•KLEEN rolls are wound to a uniform and even tension, producing rolls without deflections assuring 100% surface area contact with Pick-up rolls.

■ **Universal Compatibility with All Cleaning Machines**

PACO•KLEEN, wound on a 3" [76 mm] I.D. rigid Plastic Cores, to a standard outside diameter of 3.937" [10 cm], is ready-for-use in all Contact Cleaning Roller Machines. PACO•KLEEN properties meet or exceed OEM products, and offer tangible cost and performance benefits. The cleaning efficiency of the machine is only dependent on the precise contact of Adhesive Cleaning media to Rollers making OEM Warrantee claims self-serving.

■ **Cost Effective**

PACO•KLEEN "P" offers superior technical features at a competitive cost compared to other paper-based Adhesive Roll Cleaners.

CLEANING APPLICATIONS:

- **PhotoTool** Fine-line artwork requires cleaning to remove particulate caused by storage, handling, or artwork production.
- **Photo Resist** PCB panels require cleaning to prevent Cu surface degradation leading to “opens and shorts.”
- **Primary Imaging** Image-ready PCB, prior to UV light exposure, must be free and clear of all surface contamination.
- **Automatic Optical Inspection [AOI]** To reduce “false alarms,” a PCB must be contaminate-free to avoid costly and time-consuming inspections.
- **Lamination Lay-Up** Inner-layers, Copper Foil, and Laminating Plates must be clean to prevent scrap due to “pits and dents” and inter-laminar contamination.
- **Small Hole Drilling** Surface debris can break expensive micro drilling tools.

ROLL SPECIFICATIONS:

PACO•KLEEN #P-4500

Put-Up:	In Rolls, with a <u>Standard Length</u> of 66 Feet [20 Meters]
Standard Roll Widths:	24.5" [622 mm] 25.6" [650 mm] 27.0" [686 mm] 30.0" [762 mm] and any other widths up to 66" [1676 mm]
Cores:	3" I.D. [7.62 cm] Rigid Plastic
Standard Outside Diameter:	<3.937" [<10 cm]
Rolls Wound:	Tacky Adhesive side is wound out and branded with PACO•KLEEN™ “logo” for easy identification.
Standard Packaging/ Minimum Quantities:	Four (4) Rolls per Shipping Carton. Each individual roll is both poly-bagged and cartonized to assure safe arrival.
Machine Compatibility:	Suitable for use in all available Contact Roll Cleaning Machines offered worldwide.

AVAILABILITY:

PACO•KLEEN as well as the complete line of Lamination Enhancement Products listed below are available from leading local Distributors around the world, who offer “Just-in-Time” delivery from locally-available stocks.

RELEASE PRODUCTS



PRESS PADS



APPLICATION SPECIFIC



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