

## DEK Ultra-Fine Pitch (UFP) ECO Understencil Cleaning Rolls



DEK UFP ECO rolls are designed to boost productivity and yield, reduce defects and decrease manufacturing costs. Incorporating a unique 3D structure with pockets to trap and hold solder particles, the rolls keep material away from the stencil to ensure a fast and effective clean. The hydrophilic properties of the fibers provide fast wicking, as solvent is delivered through the fabric to the bottom of stencil instantaneously so that cleaning is more effective and solvent consumption is reduced. Both of these characteristics are essential for the effective cleaning of ultra-fine pitch apertures inherent with today's miniaturized devices.



### Key Benefits

Uniquely, the 3D architecture of DEK UFP ECO Understencil Cleaning roll counters the risk of contamination as the fabric traps solder paste and solders balls within its pockets. This is a key differentiator from paper-based products that allow paste to remain on the surface of the paper, creating the potential for contamination. Consequently, DEK UFP ECO rolls not only ensure efficient and effective understencil cleaning, they also prevent the cost and yield consequences of contamination.

- Outstanding cleaning performance
- Reduced solvent consumption by 50%, on average, for lower consumable costs
- Unique 3D structure traps solder particles away from the stencil, removing smear

- Ultra-low linting, Class 1000, ISO6 clean room compatible
- Enhanced vacuum performance
- Hydrophilic fiber structure for rapid solvent wicking
- ESD-safe packaging
- Improved process control
- Non-abrasive structure of fabric increases stencil and coating life
- Environmentally- friendly, chloride-free, recyclable
- Faster, more effective cleaning cycle leading to higher throughput

### PART NUMBERS:

#### PRODUCT RANGE DIMENSIONS

Part Number	Platform	Fabric width (mm)	Core width (mm)	Inner core diameter (mm)	Roll max outer diameter(mm)	Roll length (m)
800071	DEK	515	530	19	56	11
800072	DEK	400	530	19	56	11
800073	DEK	300	530	19	56	11
800074	MPM	443	457	19.5	64	12
800075	MPM	443	457	19.5	100	44
800076	MPM	546	559	19.5	64	12
800077	EKRA	400	400	13	53	10
800078	EKRA	500	500	13	53	10
800080	Panasonic	365	380	19.5	64.5	15
800082	Yamaha	440	440	25.5	88	25
800083	Yamaha	530	530	25.5	88	25
800084	Yamaha	620	620	25.5	88	25