



- 100% polyester material
- FED STD 209E Class 100 equivalent ISO 14644-1 Class 5
- Laser-cut edges
- Laundered in DI (deionized) water (res. 18Ω)
- Double packaged in ISO class 4 cleanroom
- Excellent water and oil absorption

Product specifications

Product name:	Vorrein Pro 80 11 W1	Color	White
Product No.:	pro8011W1		
EAN:	4260426540733		
Size:	9 x9 inch (23 x 23 cm)	Fiber	≤ 0.5 Ea/cm ²
Basic weight:	125 g/m ² +/- 5%	APC	≤ 500 Ea/ft ³
Thickness:	0.40 mm +/- 5%		
Surface sorptive capacity (g/m ²)	352	NVR	
Sorptive rate (sec)	<1	DI water	0.05 %
Elongation strength Vertical	310.9 N	IPA	0.08 %
Elongation strength Horizontal	330.5 N	Acetone	0.03 %
Edge treatment	Laser cut		
Fiber No. (denier)	75D / 36 F		
Material	100% Polyester		

Dust-free feature (as per JIS B-9923 norm) measured per 1 sheet wipe 9" x 9"	Dust particle size (µm)	0.3	0.5	1.0	5.0	10.0	25.0
	Separable dust particles (pcs/S)	15.2	11.0	6.6	0.7	0.1	0.0

Sovable Ion Content (measured by ion-chromatography)	Unit	K+	Na+	Mg ⁺⁺	Ca ⁺⁺	Cl ⁻	Ka ⁺
	ppm	0.002	0.005	≤0.1	0.001	0.006	≤0.1

Product box pack unit	10x100 pcs/pack (1000 pcs.)
EPAL box count	48 boxes (48k pcs.)



Description

klenatex dust-free cleaning cloths are manufactured with the highest grade of protection against pollution, and laser cut to prevent fraying edges. First, wipes are rinsed in ultra-pure water and placed for drying process in a sealed clean room, which results in efficient removal of dust particles and ions from the surface of the pads. Ready wipes are double packaged in vacuum bags, which provides maximum control over the purity of each piece.

In the production process of cleaning wipes, initially polyester fibers are mixed with nylon. In a second phase, nylon structure is washed away using a specially prepared solution, which makes the final product hundred percent polyester cloth with the advantage of porous, absorbent internal structure. The finished cleaning wipe collects dirt and dust particles and absorbs liquids effective inside the material.

Due to the high strength and exceptional softness, wipes are used for maintaining cleanliness in laboratories and industrial plants (industrial electronic, optical, automotive, pharmaceutical), cleaning optics and maintenance of specialized equipment (measuring equipment, measuring instruments, etc.).