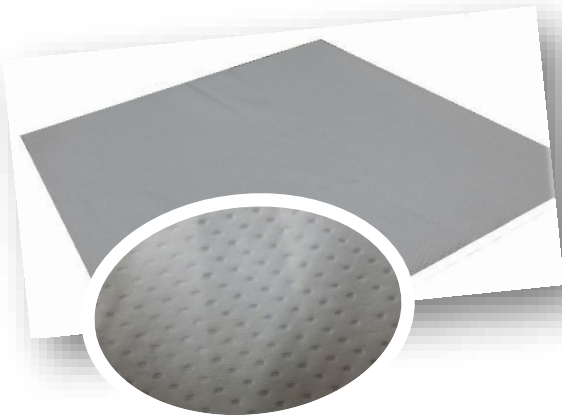


KM Double Knit Wiper

Double Bonded 100% Polyester Sheet Wiper for Clean Environment



Description

Double Knit Wiper is made of 2ply Polyester applied ultrasonic waves lamination.

Absorption rate of 2ply polyester is three times than 1ply and double knit wiper has quick absorption speed.

Thermally sealed edges prevent particle or lint generation

Feature

- Three times absorption in comparison with low weight and thin thickness
- High absorption rate and quick absorption speed
- Minimization of Particle and NVR Rate
- Special process for better wipe and absorption capacity

Application

- Cleanroom
- Pharmaceutical
- Life science
- Optics

Product Environment

- Washing with D.I Water more than 17 MΩ to minimize Ion and Particles
- Particles(pcs≥0.3) in DIW are less than 60/mℓ by U/F system
- Laundered and packaged in the class 10 cleanroom
- Double bag packaging to prevent contamination

Product

Name	Description	Packaging
Double Knit Wiper	9" x 9"	-
Double Knit Wiper	12" x 12"	-
Double Knit Wiper	8" x 24"	-

Office 348-1 Bocheri Miyang Anseong Gyeonggi
Factory1 269-2 Gyereuk Miyang Anseong Gyeonggi
Factory2 306-3 Gusuri Miyang Anseong Gyeonggi
Factory3 516-5 Jujinri Pyongchan Gangwon

Tel 031-678-8800
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Fax 033-332-9287

KM Double Knit Wiper 9" x 9"

Property	Unit	SPEC	Test Method	Remarks
Material	-	-	Polyester	-
Length	MD	230±10	JIS L 1096 8.3	-
	TD			
Weight	g/sh	12.7±1.3	JIS L 1096 8.4	-
	g/m ²	240±24		-
Thickness	μm	850±20	JIS L 1096 8.5	-
Time to Sorption	Horizontal	sec/6ø	IEST-RP-CC004.2 7.2	-
	Vertical	sec/5cm		≤60
Absorbency	g/sh	≥30	IEST-RP-CC004.2 7.1	-
	g/m ²	≥600		-
APC	≥0.3μm, ea/pcs, 1cfm	≤60	JIS-B-9923 6.2 Tumbling	Airborne Particle
LPC	0.5μm, ea/ml	≤125	IEST-RP-CC004.3 6.1.3	Liquid Particle
	0.5μm, ea/m ²	≤0.7×10 ⁶		
Lint	≥100μm, ea/pcs	≤30	IEST-RP-CC004.2	-
NVR	Grade	≥B	IEST-RP-CC-004.3 7.1.2	Nonvolatile Residue

KM is the Only Clean Products company to be ISO 9001:2000, 14001:2004, 13485:2003, and OHSAS 18001:1999 registered.

KM Double Knit Wiper 12" x 12"

Property	Unit	SPEC	Test Method	Remarks
Material	-	-	Polyester	-
Length	MD	300±10	JIS L 1096 8.3	-
	TD			
Weight	g/sh	21.6±2.2	JIS L 1096 8.4	-
	g/m ²	240±24		-
Thickness	μm	850±20	JIS L 1096 8.5	-
Time to Sorption	Horizontal	sec/6ø	IEST-RP-CC004.2 7.2	-
	Vertical	sec/5cm		≤60
Absorbency	g/sh	≥50	IEST-RP-CC004.2 7.1	-
	g/m ²	≥600		-
APC	≥0.3μm, ea/pcs, 1cfm	≤100	JIS-B-9923 6.2 Tumbling	Airborne Particle
LPC	0.5μm, ea/ml	≤215	IEST-RP-CC004.3 6.1.3	Liquid Particle
	0.5μm, ea/m ²	≤0.7x10 ⁶		
Lint	≥100μm, ea/pcs	≤50	IEST-RP-CC004.2	-
NVR	Grade	≥B	IEST-RP-CC-004.3 7.1.2	Nonvolatile Residue

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KM Double Knit Wiper 8" x 24"

Property	Unit	SPEC	Test Method	Remarks
Material	-	-	Polyester	-
Length	MD	200±10	JIS L 1096 8.3	-
	TD	600±10		
Weight	g/sh	28.8±2.9	JIS L 1096 8.4	-
	g/m ²	240±24		-
Thickness	μm	850±20	JIS L 1096 8.5	-
Time to Sorption	Horizontal	sec/6ø	IEST-RP-CC004.2 7.2	-
	Vertical	sec/5cm		≤60
Absorbency	g/sh	≥72	IEST-RP-CC004.2 7.1	-
	g/m ²	≥600		-
APC	≥0.3μm, ea/pcs, 1cfm	≤140	JIS-B-9923 6.2 Tumbling	Airborne Particle
LPC	0.5μm, ea/ml	≤290	IEST-RP-CC004.3 6.1.3	Liquid Particle
	0.5μm, ea/m ²	≤0.7x10 ⁶		
Lint	≥100μm, ea/pcs	≤70	IEST-RP-CC004.2	-
NVR	Grade	≥B	IEST-RP-CC-004.3 7.1.2	Nonvolatile Residue

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