



PRT 1021L / 1041L / 1091L / 10121L and 10181L 4 sealed-border by thermal heat

This wipers particularly proud its superior performance in critical cleanroom environment. The yarn is made of 100% Polyester continuous-filament interlock structure. Excellent cleaning function, economical light weight and superior absorption power are the features of the wipers.

Product features:

- Washed by 17 Ohm de-ionized water and packaged in Class 10 cleanroom environment
- All processes are strictly controlled
- Designed for use in cleanroom class 100-1000

Data table for PRT 1091L, 9" x 9":

	Value	Unit	Test method
Weight	> 6,500 > 125	g / piece g / m ²	PTM-02 measures the mass per unit area and per sheet of a wiper
Thickness	0,40 - 0,50	mm	PTM-03 measures the thickness of a wiper
Absorbency Capacity 1	> 2,60	ml / g	PTM-04-1 measures the volume of liquid sorbent per unit gram of a wiper
Absorbency Capacity 2	> 380	ml / m ²	PTM-04-2 measures the volume of liquid sorbent per basic unit m ² area
Absorbency Speed 1	< 60	sec.	PTM-05-1 measures the ascendant speed of the determined height (height: 5 cm) of a wiper
Absorbency Speed 2	< 8	sec.	PTM-05-2 measures the spread-speed of the determined range (semidiameter: 3 cm) of a wiper
Particle release into air (> 0,3 µm)	< 400	counts / ft ³	PTM-06 measures how many particles can potentially be generated when handling a dry wiper. The results are expressed as particles per volume (determined time is 60 sec.)
Particle release into liquid (> 0,5 µm)	505	counts / cm ²	Test based on IEST-RP.CC004.3, section 6.1.3: Wipes will be mixed with ultrapure water and will be shaken biaxially for 5 min. After the water will be analyzed by Liquid Particle Counter
Lint release (> 100 µm)	< 20	counts / piece	PTM-08 measures microscopically the into a filter released fibres after ultrasonic bath for determined minutes. The result is expressed as fibres > 100 µm
Positive ion (Na, Ca)	< 0,50	ppm	IEC-AES / IC Entrust ion test to the authorized facilities periodically. The results are stated in parts per million.
Negative ion (Cl, PO₄, SO₄)	< 0,50	ppm	

PTM procedures available upon request. As mentioned data represent typical analyses of these wipers at present. These are not specifications.

Sizes: 2" x 2" (art.-no.: RTPRT1021L) 4" x 4" (art.-no.: RTPRT1041L)
12" x 12" (art.-no.: RTPRT10121L) 9" x 9" (art.-no.: RTPRT1091L)
18" x 18" (art.-no.: RTPRT10181L)

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