

Valutek 23 LB Letter Size Cleanroom Paper

Part Number: VTCRPS23X-8511



Description: Valutek's 23lb letter size cleanroom paper is specially formulated with cellulose fiber, surrounded and bonded by a polymer impregnated substrate. This special formulation minimizes particulate and ink smearing and provides the paper with high tear, tensile strength, ultra low levels of particle and extractable counts. All Valutek cleanroom papers are tested and manufactured in ISO compliant facilities under Valutek inspection and strict process control to ensure Valutek quality standard and product specifications.

Application: As part of the **Valutek Nanotek product family**, this product is commonly used for note taking, laser printing and photocopies. It is also used as a form and log sheet in a cleanroom Class 1 -10 (ISO 3-4) critical environment. It is compatible to most inks without smearing while ensuring low particle and fiber generation and low ionic contamination.

VTCRPS23X-8511 Size, Color and Packaging



Part Number	Color	Size	Packaging
VTCRPS23B-8511	Blue	8.5" x 11" 21.6 cm x 28 cm	250 sheets/ream, 10 reams/case, 2500 sheets/case
VTCRPS23G-8511	Green		
VTCRPS23W-8511	White		
VTCRPS23O-8511	Orange		
VTCRPS23P-8511	Pink		
VTCRPS23Y-8511	Yellow		

- Critical environment compatible. All cleanroom papers are fully part number and lot number traceable.



■ Valutek West
USA-Phoenix,AZ

■ Valutek East
USA-Albany,NY

■ Valutek Asia Sdn. Bhd
Malaysia

■ Valutek P.R.C.
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VTCRPS23X-8511 Performance

Attribute	Value	Units	Test Method
Physical Properties			
Basis Weight	23 / 80	lb / gsm	TAPPI T-410
Caliper	3.8 ± 0.3	mils	TAPPI T-411
Surface Resistivity	5.5 x 10 ¹⁰	Ohms/sq	ESD-S11.11-1993
Tear Strength (MD)	≥300	mN	Elmendorf Tear Test
Tear Strength (CD)	≥400	mN	
Opacity	≥ 85	%	
Technical Performance			
Particles (Flexing Test): ≥0.5 μm	20	counts/ft ³ /sheet	IEST-RP.CC020.3, Sec 6.1
Particles (At Rest): ≥0.5 μm	3	counts/ft ³ /sheet	
Talc Check (by SEM-EDX)	<5	particles	
Ion Chromatography			
F	0.012	ug/cm ²	IEST-RP.CC020.3, Sec 7
Br	0.002	ug/cm ²	
NO ₃	0.001	ug/cm ²	
SO ₄	0.041	ug/cm ²	
Cl	0.004	ug/cm ²	
K	0.14	ug/cm ²	
Mg	0.08	ug/cm ²	
Na	0.10	ug/cm ²	
NH ₄	0.03	ug/cm ²	
Ca	2	ug/cm ²	

*Note: Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications. Third party independent lab test results available upon request.



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