



Reinraumpapier

pure¹¹-Nr.: 07012, Hersteller: PURUS

Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1107012
- Art: Reinraumpapier
- Grammatur: 80 g/m²
- Ausgezeichnete Oberflächenhaftung für Toner und Tinte
- Beschreibbar, kopierbar und bedruckbar (mit allen handelsüblichen Geräten)
- Geringe Partikel- und Ionenabgabe
- Geringe statische Aufladung verhindert, dass Blätter zusammenkleben

Empfohlene Reinraumklassen

ISO 3 4 5 6 7 8 9

GMP A/B C D

Produktvarianten

pure¹¹-Nr.: 07012BA4

Farbe: Blau / Maße: DIN A4 / Herst.-Nr.: LCIB2025C / VE: 2.500 Stück

pure¹¹-Nr.: 07012YA4

Farbe: Gelb / Maße: DIN A4 / VE: 2.500 Stück

pure¹¹-Nr.: 07012GA4

Farbe: Grün / Maße: DIN A4 / VE: 2.500 Stück

pure¹¹-Nr.: 07012AA4

Farbe: Rosa / Maße: DIN A4 / VE: 2.500 Stück

pure¹¹-Nr.: 07012WA4

Farbe: Weiß / Maße: DIN A4 / VE: 2.500 Stück

Quelle: <https://www.pure11.de/reinraumpapier-0>



Specification for cleanroom paper

Spec.		80g/m ²	Unit	Test Method
Basis Weight		80 ± 3	g/m ²	KSM7013
Caliper		95 ± 5	µm	KSM7021
Mositure		5.5 ± 0.5	%	-
Ash		0	%	-
Ph		7 ± 0.5		
Smoothness	TM	35 above	sec	KSM7028
	WS	35 above		
Tensile Strength	WD	4.5 above	kg/15mm	KSM7014
	Cd	3.0 above		
Surface Resistivity		1 x 10 ¹¹ ↓	Ω/square	Super Megommeter
APC (0.3 ~1µm)	>0.3 µm	68.4	count/pcs	SGS Testing Method Helmke-Yeich Tumble Drum
	>0.5 µm	47.0		
	>1.0 µm	23.8		
Extractable Ions	Sulfate (SO42-)	100↓	ppm	
	Chloride (Cl-)	100↓	ppm	
	Sodium (Na+)	100↓	ppm	
	Ammonium (NH4+)	100↓	ppm	
	Patassium (K+)	100↓	ppm	
Heavy Metals	Cd	0.5	ppm	
	Pb	5	ppm	
	Hg	2	ppm	
	Cr VI	1	ppm	

Cleanroom Paper



Specifications:

Critical Print paper is the most advanced line of clean paper and documentation available for the most demanding applications. Pureimage paper utilizes a Dual Binding Technology that is low in particles and created for low particle shed. Ideal for laser or ink jet printers, photocopying and hand writing in a controlled environment. Pureimage paper is also bonded without organic fillers and yet completely recyclable.

Sizes:	A2, A3, A4, A5	
Colors:	White, Blue, Green, Yellow, Pink.	
Packaging:	2500 sheets per case / 250 sheets per pack, 10 packs per case.	
Base weight:	80gr ± 3 g/m ²	
Caliper:	97 ± 3 µm	
Tensile Strength:	Machine Direction: 5.0 kg/15mm* Cross Direction: 2.5 kg/15mm*	
Partical size:	>.5µm (170 pt/cm ² via Liquid Particle Counter)	
Anion:	Chloride (Cl)	0.420 µg/cm ²
	Nitrite (NO ₂)	<0.0015 µg/cm ²
	Bromide (Br)	<0.0015 µg/cm ²
	Phosphate (PO ₄)	<0.0038 µg/cm ²
	Sulfate (SO ₄)	0.100 µg/cm ²
Cation:	Lithium (Li)	<0.0015 µg/cm ²
	Sodium (Na)	2.020 µg/cm ²
	Ammonium (NH ₄)	0.020 µg/cm ²
	Potassium (K)	0.100 µg/cm ²



*Tensile strength determined by the Elmendorf tear test.

pure¹¹
c l e a n r o o m
c o n s u m a b l e s

Pureimage™

The most advanced line of clean paper and documentation available for the most demanding applications.





Pureimage™ Cleanroom Paper

For writing, printing and photocopying in cleanroom environments.

Characteristics:

- Dual Binding Technology
- Suitable for use in Class 10 to Class 1000 (ISO class 4 to Class 6) cleanroom.
- Pure image Premier Paper produced in Class 10 (ISO 4) cleanroom.
- Excellent printability and heat toner adhesion.
- Double sided web cleaned prior to sheeting.
- High opacity and durability.

Specifications:	80 gsm / 22lb	105 gsm / 28 lb
Basis Weight (g/m ²)	78 – 83	102 – 107
Caliper (micron)	94 – 104	110 – 120
Tear Strength MD/CD	74/75	80/81
Brightness (%)	88 – 92	88 – 92

Size	Weight (*)	Color (**)	Poly Substrate	Latex Substrate	Packaging (***)
A4	80 gsm	Blue	PCIB 1083C	LCIB 2025C	250/10/2500, cs
A4	80 gsm	White	PCIW 1081C	LCIW 2014C	250/10/2500, cs
A4	80 gsm	Yellow	PCIY 1085C	LCIY 2016C	250/10/2500, cs
A4	80 gsm	Green	PCIG 1089C	LCIG 2017C	250/10/2500, cs

(*) 105 gsm is also available in select sizes and colors

(**) Pink, Cream, Orange and Purple are also available in Poly Substrate.

(***) Packaging is formatted in Sheets per Ream / Reams per Case / Sheets per Case.

CLEANimage Cleanroom Notebook

For writing in cleanroom environments.

Characteristics:

- Cleanroom processed and packaged
- Amide and Silicone free
- Dual Binding Technology without any organic fillers
- Completely recyclable
- Custom printing available

Specifications:	80 gsm / 22 lb
Basis Weight (g/m ²)	78 – 83
Caliper (micron)	94 – 104
Tear Strength MD/CD	74/75
Brightness (%)	88 – 92



Autoclave of CleanImage Cleanroom Paper

CleanImage cleanroom paper may be autoclaved with standard wet process provided the following procedures are taken:

1. The paper has been removed from its original cleanroom packaging.
2. The paper is in stacks no greater than 20 sheets for 22lb (80 gm) or 12 sheets for 28 lb (105gm).
3. Autoclave should not exceed 45 minutes.
4. Paper should not be printed. If paper has been printed the ink used for printing should be capable to withstand high temperatures. Wax based ribbons, inks or toners are NOT recommended. A high percentage resin based ink is preferable.