

PRODUCT

Class 100 Cleanroom LDPE Bag

TECHNICAL DATASHEET



DESCRIPTION

Ultra clean low-density polyethylene cleanroom bag, produced within a Class 100 / ISO 5 cleanroom. Suitable for cleanroom use.

FEATURES

- Manufactured in Class 100 cleanroom
- Heat sealable
- Ultra low outgassing material
- Supplied double-bagged
- Thickness 400 gauge / 100 micron

PHYSICAL PROPERTIES

PROPERTY MEASURED	TEST METHOD	VALUE
Density	ASTM D 1505	0.922 g/cm ³
Tensile Strength: MD	ASTM D 882	≥ 2,000 psi
Tensile Strength: TD	ASTM D 882	≥ 2,000 psi
Elongation: MD	ASTM D 882	≥ 300 %
Elongation: TD	ASTM D 882	≥ 300 %
Puncture Resistance	MIL STD 3010-2065	≥ 6 lbs
Heat Seal Strength	ASTM F 88	≥ 30 N
LPC	BY SHAKER	≥ 0.5 µm ≤ 100counts/cm ²

To request a quotation or for more information, please call **+44 (0)1473 836205**
email info@integritycleanroom.co.uk or visit www.integritycleanroom.co.uk

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CLEANLINESS PROPERTIES

PROPERTY MEASURED	TEST METHOD	TYPICAL VALUE
Outgassing	HDD Industry Test Method	$\leq 3,000 \text{ ng/cm}^2$ $< 3000,000 \text{ ng/g}$
Ionic Contamination: Chloride, Cl Sulphate, SO ₄ Nitrate, NO ₃ Amine, Amide and Silicon	HDD Industry Test Method HDD Industry Test Method HDD Industry Test Method HDD Industry Test Method	$< 10 \text{ ng/cm}^2$ $< 10 \text{ ng/cm}^2$ $< 20 \text{ ng/cm}^2$ Not Detected

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PRODUCT CODE	DESCRIPTION	SIZE (INCH)	SIZE (MM)	QUANTITY
600-0157	Class 100 Cleanroom LDPE Bag	3 x 5	76 x 127	100
600-0154	Class 100 Cleanroom LDPE Bag	4 x 6	101 x 152	100
600-0158	Class 100 Cleanroom LDPE Bag	5 x 8	127 x 203	100
600-0159	Class 100 Cleanroom LDPE Bag	7 x 8	177 x 203	100
600-0160	Class 100 Cleanroom LDPE Bag	9 x 12	228 x 305	100
600-0161	Class 100 Cleanroom LDPE Bag	10 x 12	254 x 305	100
600-0162	Class 100 Cleanroom LDPE Bag	10 x 16	254 x 406	100
600-0163	Class 100 Cleanroom LDPE Bag	12 x 15	305 x 381	100
600-0155	Class 100 Cleanroom LDPE Bag	12 x 18	305 x 457	100
600-0164	Class 100 Cleanroom LDPE Bag	14 x 16	355 x 406	100
600-0165	Class 100 Cleanroom LDPE Bag	15 x 18	381 x 457	100
600-0166	Class 100 Cleanroom LDPE Bag	16 x 18	406 x 457	100
600-0167	Class 100 Cleanroom LDPE Bag	16 x 20	406 x 508	100
600-0168	Class 100 Cleanroom LDPE Bag	18 x 18	457 x 457	100
600-0156	Class 100 Cleanroom LDPE Bag	18 x 24	457 x 609	100
600-0169	Class 100 Cleanroom LDPE Bag	18 x 30	457 x 762	100
600-0170	Class 100 Cleanroom LDPE Bag	20 x 20	508 x 508	100
600-0171	Class 100 Cleanroom LDPE Bag	20 x 24	508 x 609	100
600-0172	Class 100 Cleanroom LDPE Bag	24 x 24	609 x 609	100
600-0173	Class 100 Cleanroom LDPE Bag	24 x 30	609 x 762	100
600-0174	Class 100 Cleanroom LDPE Bag	24 x 36	609 x 914	100
600-0175	Class 100 Cleanroom LDPE Bag	25 x 25	635 x 635	100
600-0176	Class 100 Cleanroom LDPE Bag	30 x 30	762 x 762	100
600-0177	Class 100 Cleanroom LDPE Bag	36 x 36	914 x 914	100

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