

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

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 Seat 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

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2024 Integrity Cleanroom.

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 |

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

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2024 Integrity Cleanroom.

| 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 | 50 |
| 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 | 50 |
| 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 | 20 |
| 600-0172 | Class 100 Cleanroom LDPE Bag | 24 x 24 | 609 x 609 | 20 |
| 600-0173 | Class 100 Cleanroom LDPE Bag | 24 x 30 | 609 x 762 | 20 |
| 600-0174 | Class 100 Cleanroom LDPE Bag | 24 x 36 | 609 x 914 | 20 |
| 600-0175 | Class 100 Cleanroom LDPE Bag | 25 x 25 | 635 x 635 | 20 |
| 600-0176 | Class 100 Cleanroom LDPE Bag | 30 x 30 | 762 x 762 | 20 |
| 600-0177 | Class 100 Cleanroom LDPE Bag | 36 x 36 | 914 x 914 | 20 |

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

IMPORTANT: This data sheet and its contents (the "Information") belong to Integrity Cleanroom or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but Integrity Cleanroom assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where Integrity Cleanroom was aware of the possibility of such loss or damage arising) is excluded. © 2024 Integrity Cleanroom.