



LK Packaging  
6000 Sheila Street  
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## PRODUCT SPECIFICATION AND DATA SHEET

### Antistatic Transparent Low Density Polyethylene (Resin, Film Bags, Sheeting, Tubing)

Product is extruded from virgin low-density polyethylene resin color-coded for identification purposes. Incorporated into the resin is an internal organic antistatic agent. The resin is pre-extruded into pellet form. The pellets are then used in the final extrusion producing a film with all surfaced effectively static-dissipated. Antistatic low density polyethylene products are amine-free. Bags fabricated reduce the danger of possible spark discharges resulting from static electricity buildup. It is these sparks which are most harmful to sensitive electronic components and most dangerous when packaging or working near electro-explosive devices.

The following technical data has been gathered from extensive testing of .002, .004 and .006 INCH antistatic film.

- Contains no latex, mercury, sulfur, nitrogen, silicon, heavy metals, BPA (biphenyl A), polyvinyl chlorides, polystyrenes, polycarbonates, phthalates, BHT (butylated hydroxyl toluene), DEHA (diethyl hydroxylamine), DEHP (di (2-ethylhexyl) phthalate), PFOA (perfluorooctanoic acid), PFOS (perfluorooctane sulfonates), PFAS (per-/polyfluoroalkyl substances), PBDE (poly brominated diphenyl ether) or PBB (poly brominated biphenyl).
- Complies with the following FDA Regulations: 21 CFR 178.3295, 21 CFR 179.45, 21 CFR 177.1010, 21 CFR 178.3870, 21 CFR 175.320, 21 CFR 3297, 21 CFR 2650, 21 CFR 177.1520
- Contains no animal derivative ingredients
- Complies with RoHS 3 (Restrictions of Hazardous Substances)
- Complies with China RoHS 2
- Complies with WEEE (Waste Electrical & Electronic Equipment)
- Complies with CMM (China's Management Methods)
- Complies with REACH (Registration Evaluation Authorization and Restriction of Chemical Substances)
- Complies with California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)
- Complies with California SB657 Slavery & Human Trafficking Legislation
- Complies with HR 4173 Wall Street Reform & Consumer Protection Act "Conflict Minerals"
- Complies with CONEG Legislation

BASIC RESIN	VIRGIN LOW DENSITY POLYETHYLENE
COLOR	STOCK: PINK TINT
	CUSTOM: BLACK, CLEAR, VARIOUS
SIZES - SHEETING	UP TO 96" – CENTERFOLD TO 42"
SIZES - TUBING	2" TO 48" – LAYFLAT WIDTH
GAUGES	.002, .004, .006 INCH
YIELD, SQUARE INCHES/POUND	.002 = 15000 SQ. IN./LB.
	.004 = 7500 SQ. IN./LB.
	.006 = 5000 SQ. IN./LB.
TENSILE STRENGTH, MD, LBS./SQ. IN.	.004 = 2940 PSI
PER ASTM D-882	.006 = 2930 PSI
TENSILE STRENGTH, TD, LBS./SQ. IN.	.004 = 2580 PSI
PER ASTM D-882	.006 = 2760 PSI
ELONGATION, TD, AVG. %	.004 = 470%
PER ASTM D-882	.006 = 470%
ELONGATION, TD, AVG. %	.004 = 380%
PER ASTM D-882	.006 = 410%
DART IMPACT STRENGTH	.004 – 167 GRAMS
PER ASTM D-1709	.006 = 230 GRAMS
COEFFICIENT OF FRICTION	.004 = 44 STATIC AVERAGE
PER ASTM D-1894	.004 = .35 KINETIC AVERAGE
COEFFICIENT OF FRICTION	.006 = .28 KINETIC AVERAGE
SURFACE RESISTIVITY, MAX OHMS	.002 = 1.3 (10 <sup>11</sup> ) OHMS/SQ. IN.
NFPA 56A AT 20% RH 70°F 1.2 (10')	.004 = 1 – 2.5 (10 <sup>11</sup> ) & .006 = 1
SILICONE COMPOUND FREE	
DECAY RATE*: <0.25 SECONDS (SAMPLES TESTED AT 20% RELATIVE HUMIDITY, 70°F)	

Legend  
ASTM

AMERICAN SOCIETY OF TESTING MATERIALS

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ATLANTA

CHICAGO

DALLAS

DENVER

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PHILADELPHIA

SAN FRANCISCO

SEATTLE

PSDS 0124 Anti-Static Bags (Rev M)