



שירטרוניקס בע"מ
כתובת למשלוח דואר: ת.ד. 437 שימשית 17906.
משרדים+לוגיסטיקה: א.תעשיה זרזיר
טלפון: 04-9938666
פקס: 04-9938777
עוסק מורשה: 513501064
www.shirtronics.com
info@shirtronics.com

Proprietary Resins

In cooperation with our resin suppliers, we have developed a proprietary blend of "Barefoot" materials that allows the finished product to open easily without the addition of any anti-block. This not only allows the product to open easily, but also creates a non-scratching material that will not mar or leave any residue on critical finished products. Due to the research conducted, and our variety of materials, Cleanroom Film & Bags can develop a custom blend of materials to fit your specific applications or requirements. Please contact us for help choosing a film to best suit your needs.

1000 SERIES: Pure Barefoot Low Density Polyethylene

A strong general use clean packaging film specifically designed for use in clean applications. While it has a good cleanliness level, it can be slightly difficult to open. This is one of the more cost-effective cleanroom packaging films available, while still providing a good level of cleanliness, strength and ease of sealing. Available in custom colors.

1004 SERIES: Black UVI

CFB1004 products are formulated with protection from both ultra-violet degradation and penetration. The black opaque color also hides valuable products from prying eyes to help keep your light-sensitive products and equipment secure when used as a pallet cover.

1600 SERIES: Square Bottom Covers

Square Bottom Covers are made with the same virgin-grade materials as our cleanroom films and are tested to ensure they meet the requirements of an ISO 14644 Class 5 (FED STD 209E-Class 100) cleanroom environment. Covers can be made from any of our polyethylene grades including LDPE, CleanTuff®, ULO®, anti-static poly (both clear and pink), UVI (black, white, or clear), in addition to several custom colors to fully meet your customer's requirements.

2500 ULO® SERIES: Ultra Low Outgassing Poly Film

This product was engineered specifically for critical products that require packaging in a film that combines low ionic contamination and ultra-low outgassing. ULO® Poly packaging film has excellent handling characteristics and an extremely clean surface. With a higher gas barrier than standard low-density poly, ULO® Poly is an excellent choice for vacuum packaging applications. Available in custom colors.

Imitation is the sincerest form of flattery:

Our competitors have tried to copy and continue to mislead the marketplace and unsuspecting consumers claiming they possess or carry this specially formulated



שירטרוניקס בע"מ
כתובת למשלוח דואר: ת.ד. 437 שימשית 17906.
משרדים+לוגיסטיקה: א.ת.עשיה זרזיר
טלפון: 04-9938666
פקס: 04-9938777
עוסק מורשה: 513501064
www.shirtronics.com
info@shirtronics.com

material. Don't trust your sensitive products to the counterfeiters with similarly spelled names or with deceptive tags like "plus".

3000 SERIES: Medium Density Polyethylene

Specifically designed for use in applications where cleanliness levels exceeding IEST-CC-STD 1246D level 100 are necessary. It contains no additives such as slip, anti-block or antioxidants and exhibits excellent characteristics in the areas of Ionic Contamination, Outgassing, Non-Volatile Residue and Cleanliness. Available in custom colors.

4000 SERIES: High Density Polyethylene

Used for vacuum packaging applications that require superior cleanliness levels due to the intimate contact of contamination sensitive components. Having a cloudy appearance, this material exhibits superior strength, greater puncture resistance, low non-volatile residue, low outgassing and ease of opening. Available in custom colors.

5000 SERIES: Nylon Clear Film

A product that can be cleaned to the most stringent specifications, due to its hard surface. It is a strong, abrasion resistant film that is used in a variety of clean applications. Nylon is an unplasticized, FDA approved food-grade clear film. Additionally, it is very low in ionic contamination and non-volatile residue.

5001 SERIES: Orange Anti-Stat Nylon Film

A product that can be cleaned to the most stringent specifications, due to its hard surface. It is a strong, abrasion resistant film that is used in a variety of clean applications. Nylon is an unplasticized, Very low in ionic contamination and non-volatile residue. Suitable for aerospace applications.

5500 COMPOS-A-CLEANTM: Biaxially Oriented Nylon/Polyethylene

A dual layer high clarity film designed to provide protection for those products having a high degree of sensitivity to moisture. Having an extended shelf life, a very low Moisture Vapor Transmission Rate as well as an equally low Oxygen Transmission Rate, CFB5500 will meet all of your critical packaging needs. Biax is a very strong and clear material designed for tough applications. It is typically specified for large bags that must carry a heavy load. The film does not stretch due to the orientation of the layers during the laminating process.

6500 SERIES: Static Shield

Semi-transparent, electro-static, buried metal, heat-sealable, flexible structure offering excellent electrostatic shielding properties.

7000 SERIES: Hydroblock® PCTFE



שירטרוניקס בע"מ
כתובת למשלוח דואר: ת.ד. 437 שימשית 17906.
משרדים+לוגיסטיקה: א.תעשיה זרזיר
טלפון: 04-9938666
פקס: 04-9938777
עוסק מורשה: 513501064
www.shirtronics.com
info@shirtronics.com

Hydroblock® is a copolymer film consisting primarily of chlorotrifluoroethylene. It has excellent moisture barrier and chemical resistance as well as low oxygen permeability. It is ideal for packaging all types of corrosion sensitive military and industrial electronic parts. Hydroblock® is also recommended for use in oxygen rich environments or for packaging products used in liquid oxygen or hypergolic systems as it meets the NASA LOX Impact compatibility requirements under MSFC106A, and the flammability requirements of MIL B22191 Type I and MIL B131 Type II.

9600 SERIES: Anti-static Cleanroom Films

This product is manufactured from our proprietary resin blends, except with the permanent anti-stat properties as required. This in-house extrusion process and control of 100% virgin resins makes this anti-static film an excellent choice for your Cleanroom packaging. Available in the "Pink Poly" industry standard for anti-stat, and also available in custom colors including blue, green, yellow, as well as clear.

CT100 CLEANTUFF® LDPE Film

A specially-designed resin blend for added strength and higher elasticity. CT100-Cleantuff also displays the characteristics of a non-mar, non-scratch material and is available in custom colors.

Caveat Emptor:

Some companies continue to mislead the marketplace and unsuspecting consumers by claiming they manufacture this specially formulated material. Cleanroom Film & Bags is the exclusive manufacturer of this unique film that was developed by our in-house engineers, don't trust your sensitive products to counterfeiters with dishonest claims and similarly spelled names.

CT200 CLEANTUFF® HDPE Film

A specially designed HDPE resin for added strength over standard cleanroom packaging. CT200 also displays the characteristics of a non-mar, non-scratch material. Available in custom colors.