

**POLYESLINE S.L.U.**

Polígono Industrial "Els Mollons". C/ Tapissers, 4 – 46970 Alaquas, Valencia –Spain.

Tel: 0034 96 006 65 10 Mail: [comercial@polyesline.com](mailto:comercial@polyesline.com)Web site: [www.polyesline.com](http://www.polyesline.com)**POLYES-FILM GENERAL SPECIFICATIONS**

| TYPE  | DESCRIPTION  | STANDARD THICKNESS* (μ)     | USP   | APPLICATION   |
|---|--|-----------------------------|---|---|
| <b>Matt Polyester Films</b>                                       |  |                             |   |   |
| B-2195  | Bi-axially oriented translucent & matte surface polyester film                               | 12, 19, 23, 36, 50, 75μ     | Medium surface gloss, excellent machinability & thermal properties.                               | Muted Metallization, wood grain application, label & other industrial application |
| B-21951   | One side chemically treated bi-axially oriented translucent and matte surface polyester film | 12, 23, 36, 50μ             | Medium surface gloss, excellent machinability & thermal properties along with good bond strength. | Muted Metallization, wood grain application, label & other industrial application |
| B-21952   | One side corona treated bi-axially oriented translucent and matte surface polyester film     | 12, 23, 36, 50μ             | Medium surface gloss, excellent machinability & thermal properties along with good bond strength. | Muted Metallization, wood grain application, label & other industrial application |
| <b>Polyester Films for Flexible packaging and General purpose</b> |  |                             |   |   |
| B-2120  | Untreated plain bi-axially oriented polyester film   | 10, 11, 12, 15, 23, 36, 50μ | High Mechanical, Optical and Thermal characteristics.   | Packaging, Printing, Lamination and Metallization.                                |



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|         |  |                                  |   |   |
|---------|--|----------------------------------|---|---|
| B-21201 | One side corona treated bi-axially oriented polyester film                                   | 10, 11, 12, 15, 23, 36, 50 $\mu$ | High Mechanical, Optical & Thermal characteristics with improved ink / metal adhesion characteristics.                                      | Printing, Packaging, Lamination and Metallization.                      |
| B-21203 | One side low corona treated bi-axially oriented polyester film                               | 10, 11, 12, 15, 23, 36, 50 $\mu$ | High Mechanical, Optical & Thermal characteristics with improved ink / metal adhesion characteristics.                                      | Printing, Packaging, Lamination and Metallization.                      |
| B-21221 | One side co-polyester coated bi-axially oriented polyester film                              | 10, 12 $\mu$                     | Mechanical, Optical and Thermal characteristics with enhanced printability, High bond strength,   | Printing, Lamination, Packaging and Metallization.                      |
| B-21222 | One side co-polyester treated & other side corona treated bi-axially oriented polyester film | 10, 12 $\mu$                     | Exceptionally High Bond strength with better printability along with Mechanical, Thermal, Optical characteristics. Film serves dual purpose | Printing, Lamination, Metallization, and Packaging.                     |
| B-21231 | One side chemically treated bi-axially oriented polyester film                               | 10, 12, 19, 23 $\mu$             | High quality printability with more self-life, along with mechanical, Optical and thermal properties.                                       | Printing, Lamination & Packaging.                                       |
| B-21232 | One side chemically treated & other side corona treated bi-axially oriented polyester film   | 10, 12 $\mu$                     | High quality printability with more self-life, along with mechanical, Optical & thermal properties. Film serves dual purpose                | Printing, Lamination, & Packaging.                                      |
| B-21233 | One side chemically treated bi-axially oriented polyester film                               | 12 $\mu$                         | High quality printability with more self-life, along with mechanical, Optical and thermal properties.                                       | Good for surface printing with UV curable inks, Lamination & Packaging. |

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|         |   |                     |  |   |
|---------|---|---------------------|--|---|
| B-21261 | One side chemically treated bi-axially oriented polyester film                                | 12μ                 | Dimensionally stable at elevated temperature along with improved metal bond strength & Ink adhesion characteristics, plus Mechanical & Optical properties. | Boilable / Retort Application, Printing, Lamination & Metallization.  |
| B-21405 | Hazy bi-axially oriented polyester film   | 19, 23, 30, 36, 50μ | High Electrical, Mechanical & Thermal characteristics  | Electrical, and Industrial application, FRP/GRP   |
| B-2145  | Thermally stable Untreated plain bi-axially oriented polyester film                           | 12, 23, 36μ         | Dimensionally stable at elevated temperature along with Mechanical and Optical properties.   | Stamping foil application, Transfer Metallizing and Tension coating applications, Printing, Lamination (Plain & Metallized yarn), FRP /GRP. |
| B-21451 | Thermally stable one side corona treated, other side plain bi-axially oriented polyester film | 12, 23, 36μ         | Dimensionally stable at elevated temperature, improved ink adhesion characteristics along with Mechanical and Optical properties.                          | Yarn application (Plain & Metallized form), Printing and lamination.  |
| B-21465 | Untreated plain bi-axially oriented balanced shrinkage polyester film                         | 12, 15, 23μ         | Exceptionally stable at elevated temperature, excellent machinability & optical characteristics.   | Thermal Lamination  |
| B-2170  | Untreated Isotropic polyester film  | 12μ                 | Excellent Equally distributed Mechanical & optical characteristics in all dimensions.  | Lidding & labels applications, Printing, Lamination and Metallization applications.   |
| B-21701 | One Side Corona treated Isotropic polyester film  | 12μ                 | Excellent Equally distributed Mechanical and optical characteristics in all dimensions with improved ink adhesion properties.                              | Lidding & labels applications, Printing, Lamination & Metallization applications.   |

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**High Clarity & Standard Clear and General Purpose Polyester films**

|         |  |                                    |  |   |
|---------|--|------------------------------------|--|---|
| B-2140  | Hazy, untreated plain bi-axially oriented polyester film           | 75, 100, 125, 190, 250µ            | High Electrical resistance, Good Mechanical & Thermal properties.  | Cable wrapping, sheet forming & Industrial applications.  |
| B-21403 | Bi-axially oriented corona treated, hazy polyester film.           | 75,100, 125µ                       | High Mechanical, & Thermal characteristics with improved ink adhesion characteristics.   | Cable wrapping, sheet forming & Industrial applications.  |
| B-2150  | Untreated ultra clear bi-axially oriented polyester film           | 23, 36, 50, 75, 100, 125,175, 250µ | Exceptionally high Optical characteristics along with Mechanical, Thermal & Electrical Properties.   | Transfer coating, Holographic, Metallization, Sequins for Textiles & wood transfer foil, and Lamination applications. |
| B-21511 | One side chemically treated bi-axially oriented polyester film     | 23, 36, 50, 75, 100, 125,175, 250µ | Better printable characteristics with more self-life, along with mechanical, Optical & Thermal properties.   | High quality printing, lamination & other general purpose & industrial applications                                   |
| B-21512 | Both side chemically treated bi-axially oriented polyester film.   | 50, 75, 100, 125, 175, 250µ        | Better printable characteristics (on both side) with more self-life, along with mechanical, Optical & Thermal properties. Film serves dual purpose | High quality printing, lamination & other general purpose plus industrial applications                                |
| B-21521 | One side co-polyester treated, Bi-axially oriented polyester film. | 75, 100µ                           | High Bond strength, Mechanical, Optical & Thermal characteristics with enhanced ink / metal adhesion.  | Printing, Lamination & Metallization and industrial applications.   |
| B-21522 | Both side Co polyester treated bi-axially oriented polyester film. | 75, 100µ                           | High Bond strength (on both side), plus Mechanical, Optical & Thermal characteristics with enhanced ink adhesion.                                  | Printing, Lamination and Metallization & industrial applications.   |

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|                     |  |  |  |  |
|---------------------|--|--|--|--|
| B-2153              | Untreated standard Clear bi-axially oriented polyester film          | 75, 100, 150<br>125, 175, 188,<br>250µ | Good Optical characteristics along with Mechanical, Thermal & Electrical Properties.       | Lamination, Coating, printing, Metallization & other general-purpose applications. |
| B-21533/<br>B-21534 | Clear corona treated wound inside, biaxially oriented polyester film | 75, 100, 150<br>125, 175, 188,<br>250µ | Good Optical characteristics with improved ink adhesion plus inherent PET characteristics. | Lamination, Coating, printing, Metallization & other general-purpose applications. |

**Antistatic Polyester Films**

|         |  |                            |  |  |
|---------|--|----------------------------|--|--|
| B-21402 | Hazy & both side antistatic coated bi-axially oriented polyester film          | 75, 100µ                   | Diminished static charges with High Electrical resistance, Good Mechanical & Thermal properties. | Cable wrapping, sheet forming & Industrial applications. |
| B-21502 | Both side antistatic treated bi-axially oriented High Clarity polyester film   | 75, 100, 125,<br>175, 250µ | Designed as diminished static charges plus PET characteristics.                                  | Quality Lamination applications.                         |
| B-21532 | Both side antistatic treated bi-axially oriented Standard clear polyester film | 75, 100, 125,<br>175, 250µ | Designed as diminished static charges plus PET characteristics.                                  | Montage, Industrial & Laminations applications.          |

**Milky White & Opaque White Polyester Films**

|        |  |                             |   |   |
|--------|--|-----------------------------|---|---|
| B-2147 | Milky white, untreated plain bi-axially oriented polyester film  | 100, 125, 190,<br>250, 350µ | Good aesthetic appeal, High Electrical resistance along with Mechanical & Thermal properties. | Insulation in rotating electrical machine, printing, other general purpose & industrial applications, |
| B-2160 | Opaque white, untreated plain bi-axially oriented polyester film | 50, 75, 125, 175,<br>250µ   | Good aesthetic appeal, along with Good Mechanical & Thermal properties.                       | Label printing, Photographic printing, coating & other general-purpose applications.                  |

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|         |  |                        |  |  |
|---------|--|------------------------|--|--|
| B-21605 | Opaque white, untreated plain with rough surface, Biaxially oriented polyester film. | 50μ                    | Good aesthetic appeal, along with Good Mechanical, Thermal plus improved ink adhesion properties.                        | Label printing, Photographic printing, coating and other general-purpose applications. |
| B-21611 | Opaque white, one side chemically treated bi-axially oriented polyester film         | 50, 75, 125, 175, 250μ | Good aesthetic appeal, along with Good Mechanical, Thermal properties plus improved ink adhesion and high bond strength. | Label printing, Photographic printing, coating & other general-purpose applications.   |
| B-21612 | Opaque white, both side chemically treated bi-axially oriented polyester film        | 50, 75, 125, 175, 250μ | Good aesthetic appeal, along with Good Mechanical, Thermal properties plus improved ink adhesion and high bond strength. | Label printing, Photographic printing, coating & other general-purpose applications.   |

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