

# **Technical Data Sheet** UltraPoplin<sup>®</sup> PES S240

UltraPoplin® PES S240 is a 7.1 oz., 100% knitted polyester that is bath coated with our Universal coating. The coating technique allows for printing with solvent, eco-solvent, UV and Latex inks. The material is able to be stretched, making it ideal for expanding over frame systems and structures. UltraPoplin PES S240 is crease and wrinkle resistant and is ideal for use with trade show graphics. Available in widths from 54" - 198".

### **Material Details**

| CHARACTERISTICS             | TEST METHOD        | METRIC                                       | ENGLISH                 |  |
|-----------------------------|--------------------|--|-------------------------|--|
| Support Cloth               | DIN 60001          | 100% PES                                     | 100% Polyester          |  |
| Type of Coating             | N/A                | Digital coating on one side                  |                         |  |
| Total Weight                | DIN EN ISO 2286-2  | 240 g/m <sup>2</sup>                         | 7.10 oz/yd <sup>2</sup> |  |
| Breaking Force [N/5cm]      | DIN EN ISO 13934-1 | Warp – 625                                   | Weft – 1023             |  |
| Elongation at tear [%]      | DIN EN ISO 13934-1 | Warp – 53.3                                  | 3 Weft – 55.6           |  |
| Tear Resistance [N/25mm]    | DIN EN ISO 9073-4  | Warp – 10                                    | 5 Weft – 137            |  |
| Flame Resistance            | DIN 4102           | NFPA701, B1, CSF                             | M, Title 19, ASTM E84   |  |
| Character                   | N/A                | Medium p                                     | ooplin texture          |  |
| Added Value                 | N/A                | Wrinkle and crease resistant with a slight s |                         |  |
| RF Weldable (Heat Sealable) |                    |  | Yes                     |  |

### Applications

|              | Art<br>Reprographic | Banners<br>Indoor | Banners<br>Outdoor | Displays | Flags | Theatrical | Tradeshow | Wall Covering |
|--------------|---------------------|-------------------|--------------------|----------|-------|------------|-----------|---------------|
| Applications |                     |                   |                    |          |       |            |           |               |

# Ink Printability

| Solvent | Eco<br>Solvent | UV | Latex | Screen<br>Printing | Dye<br>Transfer | Dye<br>Direct |
|---------|----------------|----|-------|--------------------|-----------------|---------------|
|         |                |    |       |                    |                 |               |

# **Available Sizes**

| Dye<br>Direct | Metric (m)                            | English (inches)            |  |  |
|---------------|---------------------------------------|-----------------------------|--|--|
|               | 1.37, 1.55, 2.05,<br>2.50, 3.10, 5.05 | 54, 61, 80,<br>98, 122, 198 |  |  |

The information on physical and chemical characteristics is based upon tests believed to be reliable. The values are intended only as a source of information. A legally binding guarantee of specific properties is not to be inferred from our specifications. They are given without guarantee and do not constitute a warranty. The purchaser should independently determine, prior to use, the suitability of the material for his/her specific purpose. (Data represents averages and is not intended for use as a specification.)

www.ultrafleXX.com updated: 7/2015

Ultraflex Headquarters 1578 Sussex Turnpike, Bldg 4 Randolph, NJ 07869 P: (973)627-8608 Email: sales@ultraflexx.com

**Ultraflex Europe** Unit 1 Hardwick Road Industrial Park Azafrán No. 112, Col.Granjas México Great Gransden Bedfordshire England SG19 3BJ Phone: (44)1767-677-100 Email: sales@ultraflexeurope.com

Ultraflex México

Del. Iztacalco, C.P. 08400, México D.F. Tel: (55)31823632,3182 3608 01 800 822 52 31 Email: sales.mx@ultraflexx.com

Ultraflex Guadalaiara Av. Patria No. 2804 Loma Bonita Sur.

Zapopan, Jalisco CP45086 Mexico Tel: (55)3312-049-857