

## DATA SHEET

### ECONO PEEL PLIES

#### Description

Our line of “**Econo**” peel plies is high in quality, yet inexpensive. They are designed to work in resin infusion or hand lay-up processes. “**Econo**” peel plies assist or eliminate the need for sanding or abraiding on your composite laminate.

- Econo Ply E** A heavier version of Econo-ply J and is designed for use in more difficult environments or when a more textured surface is required for secondary bonding.
- \*Econo Ply J** This is least expensive polyester peel ply and has a tight weave that is very drapable.
- Econo Stitch** A nylon peel ply with red tracers makes this peel ply more visible before and after a cure, reducing the possibility of the peel ply being left on the part.
- Econolease** This silicone treated nylon peel ply provides greater release in difficult environments.

\* A short roll length version can be ordered directly online at [www.airtechonline.com](http://www.airtechonline.com).

### CATALOG POSITION: RELEASE FABRICS

As the conditions or methods of use, including storage, are beyond our control, Airtech International, Inc. does not assume any responsibility for the performance of this material for any particular use. The material is sold “as is”. Airtech International, Inc. disclaims, and buyer waives, any and all implied warranties, including without limitation the implied warranties of merchantability and of fitness for particular use. The information contained herein represents typical properties and should not be used for specification purposes.

**MORE THAN A MANUFACTURER...A TECHNICAL PARTNER!**



DATA SHEET  
**ECONO PLY**

Product	Color	Yarn Type	Weight oz./yd <sup>2</sup> (g/cm <sup>2</sup> )	Thickness in. (cm)	Maximum Recommended Use Temperature <sup>(1)</sup> °F. (°C)	Standard Roll Width in. (cm)	Standard Roll Length yd. (m)
Econoply E	White	Polyester	2.8 (0.0095)	0.006 (0.015)	300 (149)	60 (152)	250 (229)
Econoply J	White	Polyester	1.6 (0.0054)	0.003 (0.0076)	250 (121)	60 (152)	100 (91)
Econostitch	White w/Red Tracers	Nylon	2.6 (0.0088)	0.006 (0.015)	375 (190)	60 (152)	300 (274)
Econolease	Lt. Blue	Silicone Coated Nylon	1.8 (0.0061)	0.004 (.0010)	400 (204)	60 (152)	100 (91)

- 1) Maximum recommended use temperature is dependant upon the duration at maximum temperature and is process specific. Airtech recommends testing prior to use.

All values shown are nominal. Hot knife slitting upon request. Roll width tolerance is ±1 in. (±2.54 cm). All materials have unlimited shelf life.

CATALOG POSITION: **RELEASE FABRICS**

As the conditions or methods of use, including storage, are beyond our control, Airtech International, Inc. does not assume any responsibility for the performance of this material for any particular use. The material is sold "as is". Airtech International, Inc. disclaims, and buyer waives, any and all implied warranties, including without limitation the implied warranties of merchantability and of fitness for particular use. The information contained herein represents typical properties and should not be used for specification purposes.



**MORE THAN A MANUFACTURER...A TECHNICAL PARTNER!**

## DATA SHEET

### **ECONOSTITCH 5445**

Improved Release Nylon Peel Ply With Red Tracers

#### **Description**

**ECONOSTITCH 5445** is a heat set and scoured nylon peel ply. **ECONOSTITCH 5445** has a tighter weave construction than standard peel plies and typically allows for easier release. The red tracers are visible even after cure reducing the possibility of peel ply being left on the part. **ECONOSTITCH 5445** is ideally suited for marine, transportation, recreational and wind power industries.

#### **Data**

Yarn Type:	Nylon 6
Maximum Use Temperature:	375°F (190°C)
Color:	White with red tracers
Thickness:	.007" (.018cm)
Weight:	2.90 oz/yd <sup>2</sup> (100 g/m <sup>2</sup> )

#### **Stocking Sizes**

71" x 218 yds.  
(1.8m x 200m)

CATALOG POSITION: **RELEASE FABRICS**



As the conditions or methods of use, including storage, are beyond our control, Airtech International, Inc. does not assume any responsibility for the performance of this material for any particular use. The material is sold "as is". Airtech International, Inc. disclaims, and buyer waives, any and all implied warranties, including without limitation the implied warranties of merchantability and of fitness for particular use. The information contained herein represents typical properties and should not be used for specification purposes.

**MORE THAN A MANUFACTURER...A TECHNICAL PARTNER!**

## DATA SHEET

### ECONOSTITCH 66

#### Description

**ECONOSTITCH 66** is a heat set and scoured nylon 66 peel ply that is designed for applications where a high heat resistance and increased strength is required. The red tracers are highly visible reducing the possibility of peel ply being left on the part.

#### Data

Yarn type:	Nylon 66
Construction:	Plain weave
Maximum use temperature:	375°F (190°C)
Color:	White with red tracers
Thickness:	.006" (.015 cm)
Weight:	2.5 (85 g/ m <sup>2</sup> )
Extractable % by weight:	<.5%

#### Stocking sizes:

71" x 218 yds.  
(1.8m x 200m)

CATALOG POSITION: **RELEASE FABRICS**

As the conditions or methods of use, including storage, are beyond our control, Airtech International, Inc. does not assume any responsibility for the performance of this material for any particular use. The material is sold "as is". Airtech International, Inc. disclaims, and buyer waives, any and all implied warranties, including without limitation the implied warranties of merchantability and of fitness for particular use. The information contained herein represents typical properties and should not be used for specification purposes.



**MORE THAN A MANUFACTURER...A TECHNICAL PARTNER!**