

## Data Sheet

## RELEASE PLY G

Non-coated polyester peel ply with excellent strength

### ■ DESCRIPTION

Release Ply G is a tight woven polyester with excellent strength.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove contaminants and reduce shrinkage.

### ■ BENEFITS

- Strength of tighter weave aids removal after cure in most demanding applications.
- Polyester fibre provides additional strength and resistance to aggressive resins such as phenolics.
- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.

### ■ TECHNICAL DATA

|                                  |   |
|----------------------------------|---|
| Maximum use temperature          | 204°C   |
| Fibre type                       | Polyester   |
| Fabric construction: warp x fill | 472 x 252 ends/ dm x picks/ dm                      |
| Weight                           | 92 g/m <sup>2</sup>                                 |
| Thickness                        | 0,127 mm (0,005 inch)                               |
| Colour                           | White   |
| Extractables                     | <0,5 % by weight                                    |
| Shelf life                       | Unlimited when stored in original packaging at 22°C |

### ■ SIZES

| Width              | Length            | Packaging |
|--------------------|-------------------|-----------|
| 152 cm (60 inches) | 229 m (250 yards) | 1 roll    |

### ■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process, specific, Airtech recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.