



DATA SHEET

COATED PEEL PLIES

Description

Bleeder Lease[®] peel plies are high temperature fabrics coated with a silicone release agent. **Bleeder Lease**[®] products provide superior release to plain peel plies because the coating prevents the heated fabric from fusing to the laminate while still producing a textured surface. **Bleeder Lease**[®] materials will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer.

Application

Bleeder Lease[®] A: Highly drapeable, open weave coated nylon peel ply that works well with most epoxies and polyester resin systems. Certain phenolic resins will adhere to this product.

Bleeder Lease[®] B: Tightly woven, coated nylon peel ply that releases well from most resin systems. **Bleeder Lease**[®] B is excellent for many resin infusion projects.

Bleeder Lease[®] C: Coated 7781 Style fiberglass material. **Bleeder Lease**[®] C has been used up to 800°F (427°C) cures and releases from most resin systems and is ideal for use on polyimide and thermoplastic high temperature lay-ups. This cannot be slit to narrow widths.

Bleeder Lease[®] E: Coated 1165 Style fiberglass material. **Bleeder Lease**[®] E is a tightly woven fabric that has been used up to 800°F (427°C) cures and releases from most resin systems and is ideal for use on polyimide and thermoplastic high temperature lay-ups. This cannot be slit to narrow widths.

Bleeder Lease[®] G: Tightly woven coated polyester material that will release from the more difficult resin systems. The polyester adds strength, making removal easier.

Superlease Blue: Tightly woven, coated nylon peel ply that releases well with most resin systems. **Superlease Blue** is a superior peel ply for resin infusion or other resin rich processes.

CATALOG POSITION: RELEASE FABRICS

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Product	Color	Yarn Type	Coating Type	Fabric Construction End/in. x Picks/in. (Ends/dm x Picks/dm)	Weight oz./yd ² (g/m ²)	Thickness in. (cm)	Grab Tensile lbs. (N)	Maximum Recommended Use Temperature ⁽¹⁾ °F. (°C.)	Standard Roll Width in. (cm)	Standard Roll Length yds. (m)
Bleeder Lease® A	Green	Nylon	Silicone	40 x 40 (158 x 158)	2.34 (80)	0.0058 (0.015)	150 x 150 (667 x 667)	450 (232)	42 (107) 60 (152)	100 (91)
Bleeder Lease® B	Green	Nylon	Silicone	104 x 87 (409 x 342)	1.83 (62)	0.0045 (0.011)	120 x 100 (534 x 445)	450 (232)	46 (117) 60 (152)	100 (91)
Bleeder Lease® C	Green	Fiberglass	Silicone	57 x 54 (224 x 213)	8.8 (299)	0.013 (0.033)	200 x 180 (890 x 801)	800 (427)	50 (127)	100 (91)
Bleeder Lease® E	Green	Fiberglass	Silicone	60 x 52 (236 x 205)	3.70 (126)	0.0042 (0.011)	130 x 100 (578 x 445)	800 (427)	50 (127)	100 (91)
Bleeder Lease® G	Green	Polyester	Silicone	120 x 64 (472 x 252)	2.45 (83)	0.0050 (.013)	140 x 160 (623 x 712)	400 (204)	44 (112) 60 (152)	100 (91)
Superlease Blue	Blue	Nylon	Silicone	104 x 87 (409 x 342)	1.83 (62)	0.0045 (0.011)	120 x 100 (534 x 445)	450 (232)	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 materials have an 18 month shelf life.

All values shown are nominal.

Hot knife slitting upon request (except for **Bleeder Lease® C** and **Bleeder Lease® E**)

Roll width tolerance is ±1 in. (±2.54 cm)

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