

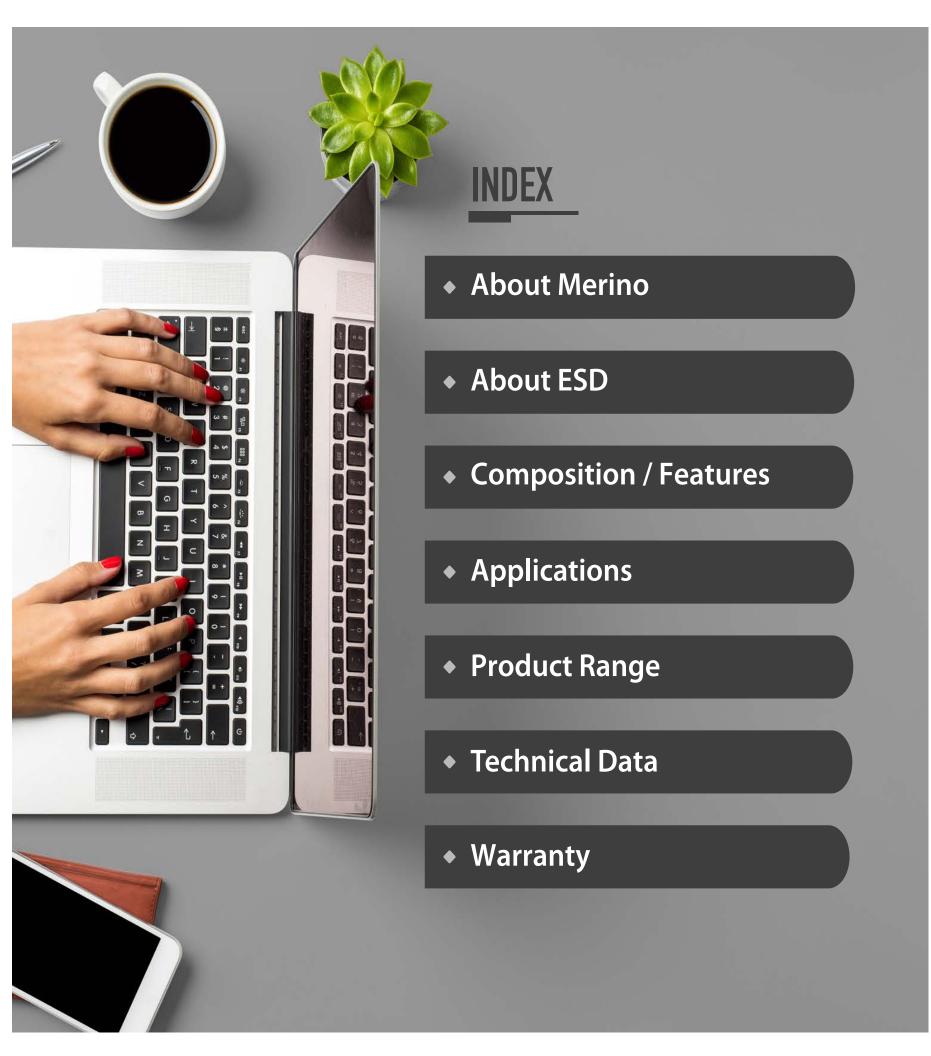
Disclaimer

"For Visual representation only.

Design Range & Finishes are subject to change without prior notice.

Actual Design & Color may vary when viewed in digital format.

Please contact your nearest Merino Dealer / Merino Team for order fulfilment."





ABOUT MERINO

The Merino Group is a leading player in the laminates and panel industry. The first product was plywood, launched in 1974 and later it spread its wings into high-pressure decorative laminates in 1981. The Group has diverse business interests expanding into Interior Architectural Products, Information Technology and Food & Agro business. Over 4000 employees, 5 production units and multiple allied surface solutions having endless design possibilities are what ensure a consistent range of superior quality products and the Group's continuous significant growth in the challenging market scenario. With innovation and perfection at its core, Merino commits to the highest manufacturing standards with a strong customer support.



CERTIFICATIONS



















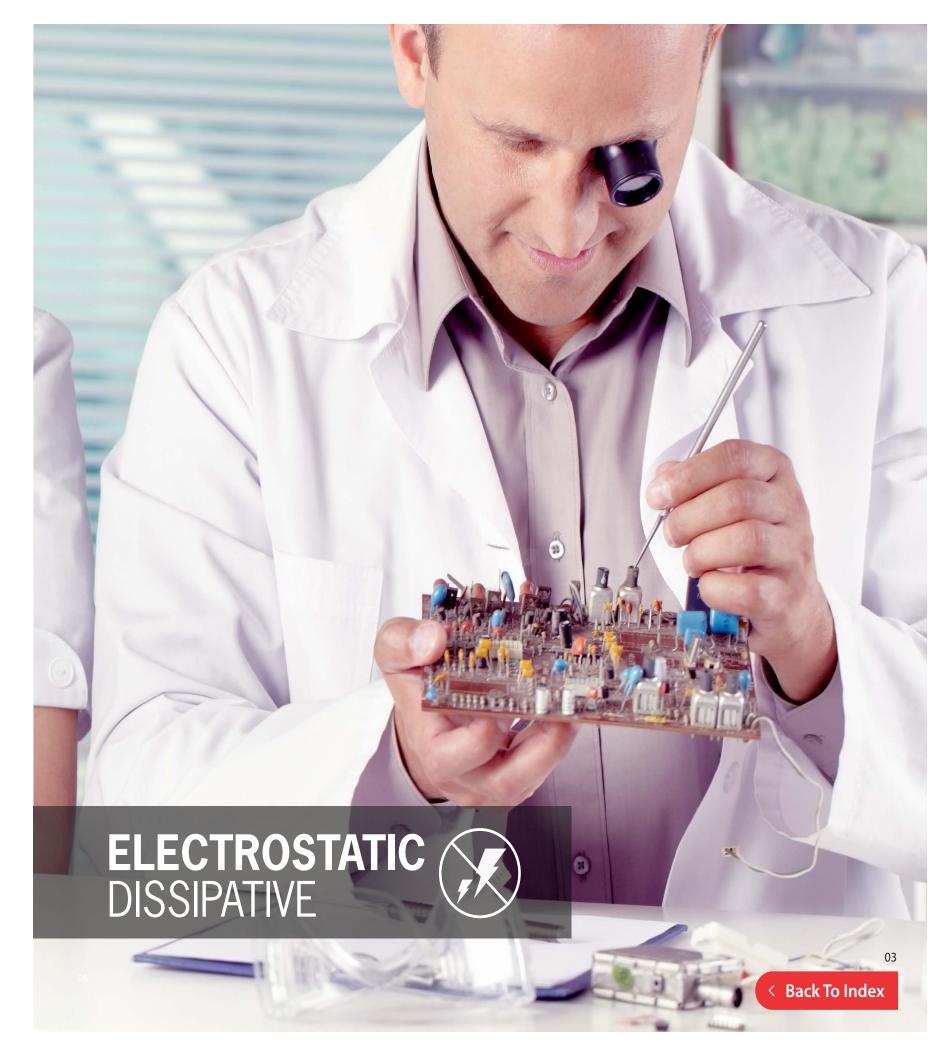




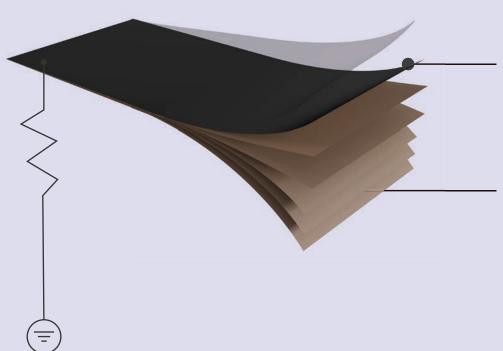








Un-RESISTIBLE COMPOSITION



DÉCOR PAPER WITH ESD CONTROL LAYER

Décor Paper impregnated with specially formulated MF resin and a ESD control layer ensure that any accumulated charge is dissipated in a controlled manner without damaging equipment

KRAFT PAPER

Kraft Paper that has been impregnated with special Phenol Formaldehyde resin ensuring adequate backing strength for the laminate.

Un-RESISTIBLE FEATURES

ELECTROSTATICDISSIPATIVE





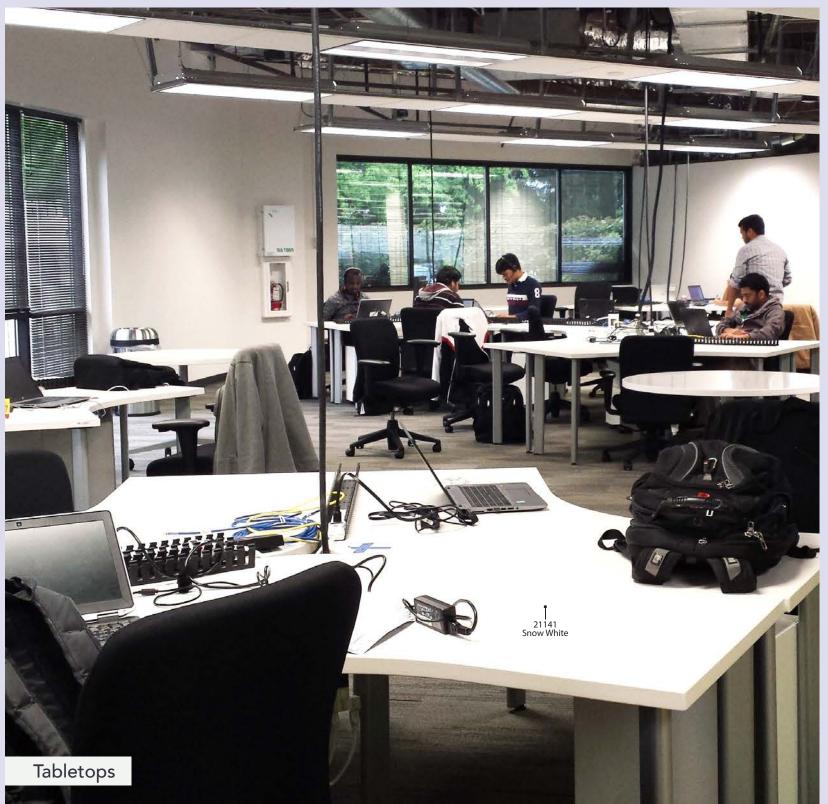
REDUCED DAMAGE TO INTERNAL CIRCUITS



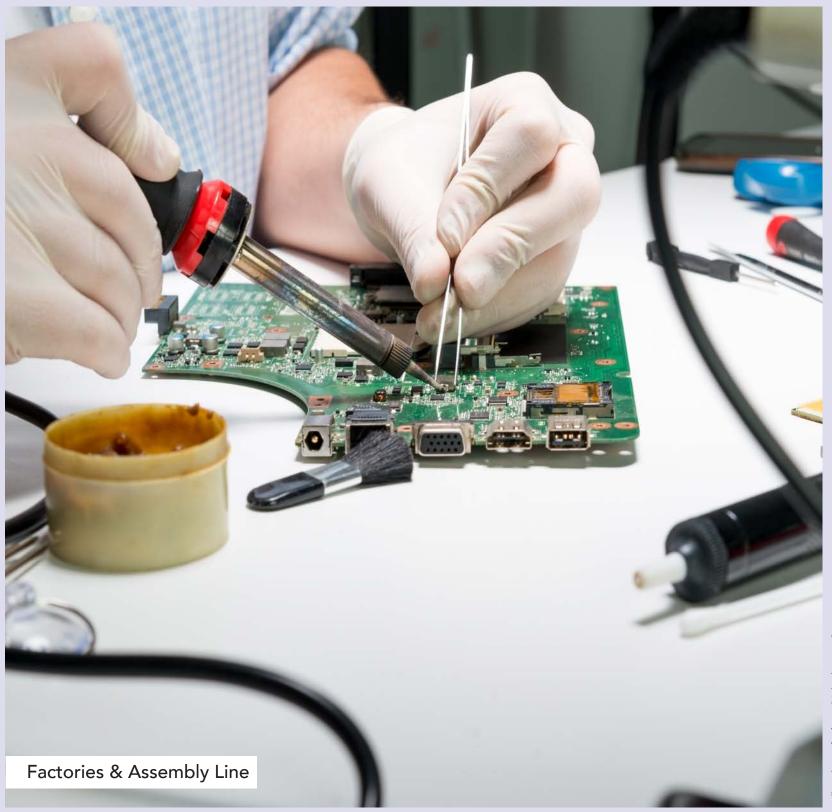
SAFE FOR WORK

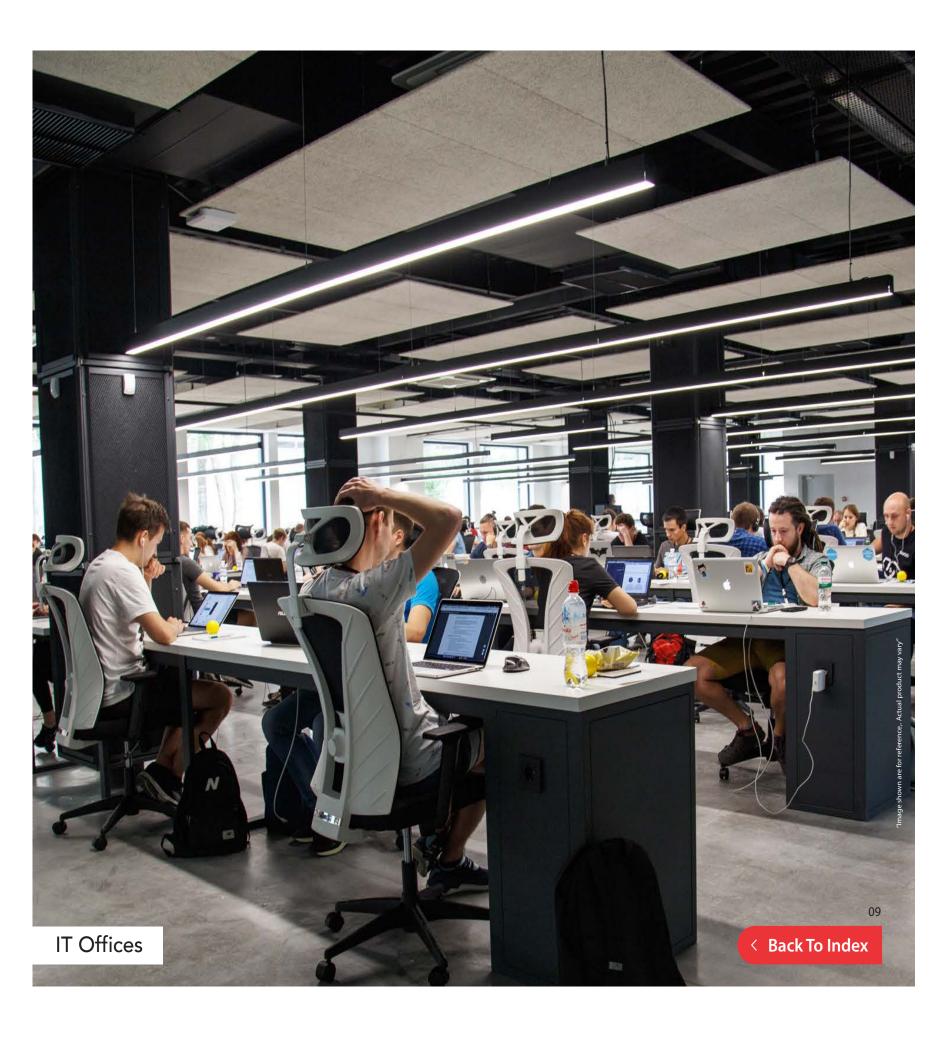
(Reduced discomfort, risks of shock, sparks & even fire)

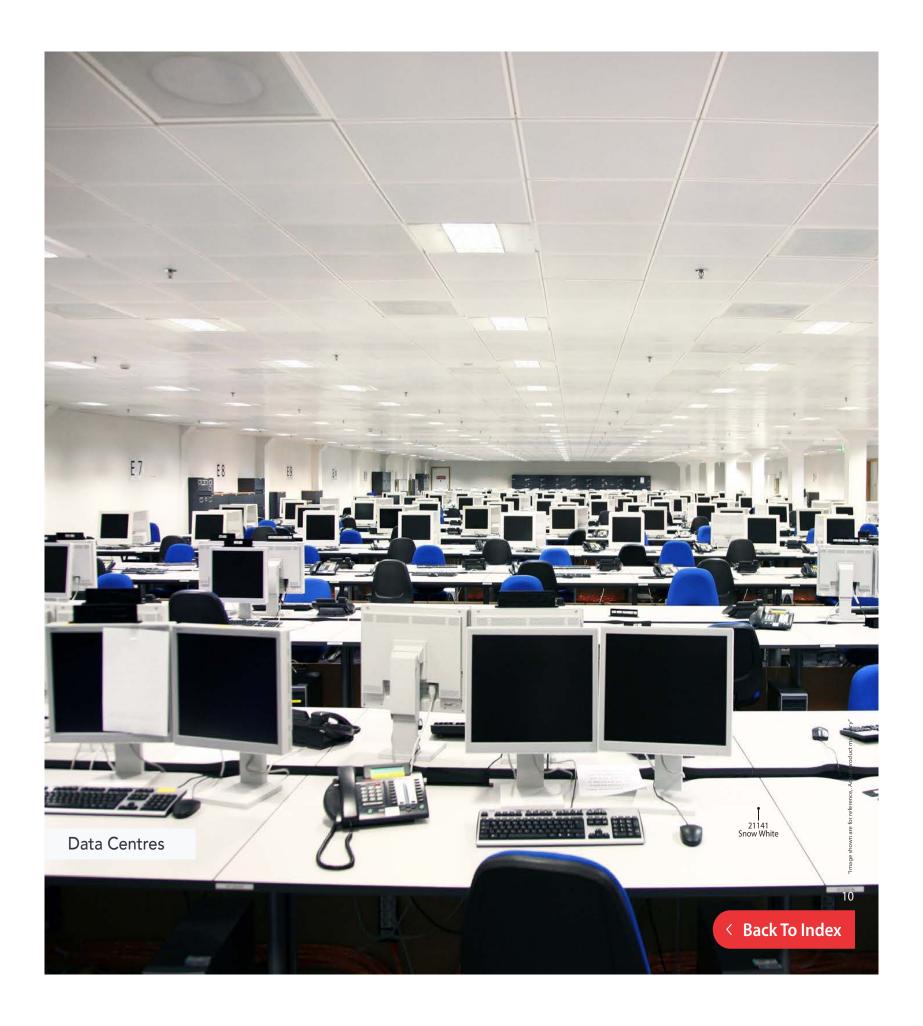














ESD Grounding Procedure

The recommended installation for best performance with ESD+ laminates involves using a screw insert that sits flush with the surface of the laminate. This screw is attached on the underside of the laminate using a nut with a terminal. To this terminal two wires are attached, one connecting to the common ground outlet, while the other provides the connection to the banana plug socket on the frontside.

A protruding ring made of brass is in contact with the conductive layer of the laminate.

A high-quality lock-washer is used to give the screw a snug sit, preventing it from vibrating loose.

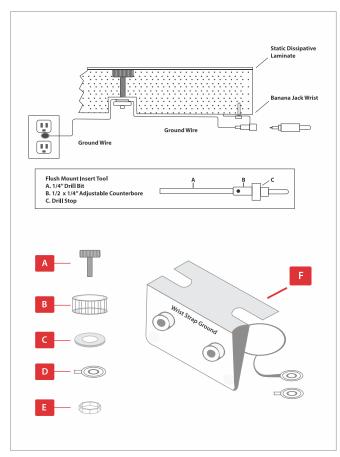


Fig. 1 Installation Process-1

Key (Fig. 1):

A: Flat Head Cap Screw

B: Brass Insert

C: Washer

D: Terminal ring

E: Nut

F: Dual banana jack terminals

Alternative method used In India:

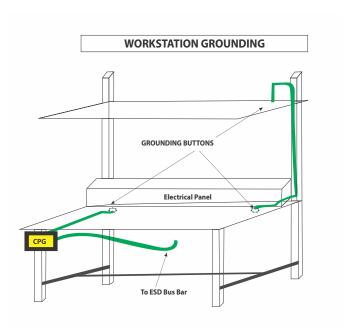
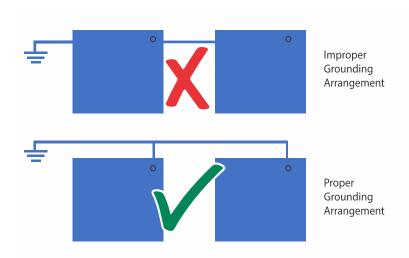


Fig. 2 Installation Process-1

Generally, the pin which is put on the table, will have male shape top and grounding wire will have one cap having female groove in one end and other end will have crocodile pin which will connect to earthing point.

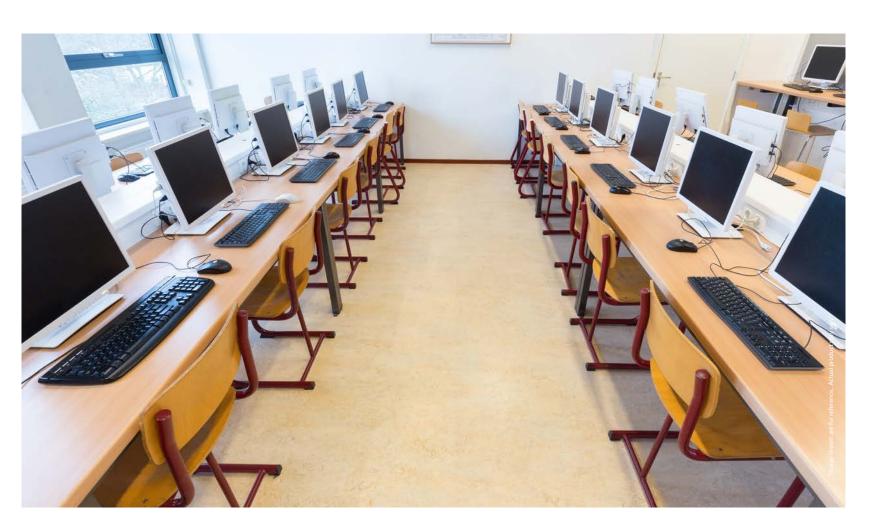
This female cap will just fit with the inserted pin head and will get the connection with the earthing point.

Grounding arrangement:



Care and Maintenance:

- 1. No film or residue should be left on ESD laminate's top surface as it will reduce laminate's dissipative properties.
- 2. To clean the surface, use a damp cloth or sponge and a mild soap or detergent.
- 3. Stains belonging to group 2 such as coffee or tea can be removed using a mild household cleaner/detergent and a soft bristle brush
- 4. Cleaners containing abrasives or strong acids or alkalines should be avoided.



TEST VALUES OF MERINO ESD GRADE LAMINATE AS PER (EN438-3)

Thickness:1.00mm

Test Method as per EN 438-2		Property or attribute	Unit (max or min)	Values as per EN 438-3	Merino Value	
Thickness Maximum Variation 5			mm	±0.10mm	< 0.10mm	
Length & Width	& Width 6		mm	+10mm -0.0mm	+10mm -0.0mm	
Density	EN ISO 1183	Density	g/cm³	≥1.35	>1.35	
Resistance to Surface wear	10	Wear Resistance	Revolution (min)	≥350	>400	
Resistance to Impact by Small diameter Ball	20	Spring Force	N(min)	≥20	>20	
Resistance to Scratching	25	Force	Rating (see annex a)	3	≥3	
Dimensional stability at elevated temperature			% long % Cross	≤ 0.55 ≤ 1.05	<0.45 < 0.90	
Resistance to immersion in boiling water	12	change Appearance	Grade (min) Gloss Finish Other finish	3 4	>3 >4	
Resistance to dry Heat at 180°C	16	Appearance	Grade (min) Gloss Finish Other finish	3 4	>3 >4	
Resistance to Staining	26	Appearance	Rating Group-1&2 Group-3	≥5 ≥4	5 ≥4	
Resistance to water vapour	l 14 l Appe		Grade (min) Gloss Finish 3 Other finish 4		>3 >4	
Resistance to cigarette burn	30	Appearance	Grade (min)	3	>3	
Light Fastness (Xenon arc)	27	Contrast	Gray Scale Rating	4 to 5	>4	
Resistance to Cracking under stress (optional)	23	Appearance	Grade (min)	4	>4	
	IEC61340&	Surface Resistance		<1.0x10 ⁹ ohm	<1.0x10° ohm	
ESD Properties At 50 % RH	ESD S-4.1	Surface to Ground Resistance	Max ohm	<1.0x10 ⁹ ohm	<1.0x10 ⁶ ohm	

AVAILABILITY RANGE



AVAILABILITY MATRIX

Product	Thickness	Sizes in feet	Finishes	Designs
ESD+ Standard	1 mm	4 X 8, 4 X 10, 4.3 X 10,	Suede	6 designs with 2 sheets MOQ.
ESD+ Flex	≥0.7 mm	5 X 8, 5 X 12, 6 X 14, 6 X 12	Suede	All other designs* with 50 sheets MOQ

^{*} For more information visit www.merinolaminates.com

Available Standard Sizes (mm) width X length

S. No	Design	Color	1220 x 2440	1220 x 3050	1300 x 3050	1550 x 2440	1550 x 3660	Compact Only	1830 x 4300
			(4ft X 8 ft)	(4ft X 10 ft)	(4.3ft X 10 ft)	(5ft X 8 ft)	(5ft X 12 ft)	(1830 x 3660)	(6ft X 14 ft)
								(6ft X 12 ft)	
1	21069	Silver Grey	Υ	Υ	Y	Υ	Υ	Υ	Υ
2	21141	Snow White	Y	Y	Y	Υ	Υ	Y	Y
3	21187	Champagne	Y	Y	Y	Υ	Υ	Y	Y
4	21369	Pebble grey	Υ	Y	Y	Υ	Υ	Y	Y
5	11005	Neo Highland Pine	Υ	Y	Y	Υ	Υ	Y	Y
6	10016	Precious Beech	Υ	Y	-	-	-	-	-

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