



CST-01 Stiffened Polyester 600gsm - 3mm Thickness

Stiffened black felt at 600gsm (grams per square meter) is a dense, heavy-duty nonwoven textile, made of polyester, a synthetic fibre.

Technical Specifications

Characteristic	Value	Standard
Weight	600 gm ² +/- 20%	ISO 29073-1
Thickness	2.9 mm +/- 0.5	ISO 9073-2
Density	0.182 g/cm ³	ISO 1973
Flammability	<100 mm / minute burn rate	FMVSS 302
Construction	100% Polyester	
Web Forming	Carded	
Web Bonding	Mechanical / thermo bonded	

Benefits

Dimensional Stability - Because the felt is stiffened and high in density (600 GSM), it maintains its shape very well. This makes it ideal for applications requiring form retention, such as structured inserts, liners, or components where sagging or distortion must be avoided.

Sound and Vibration Dampening - the dense fibre structure at 600 GSM provides effective acoustic absorption and vibration control. It can reduce sound transmission and dampen mechanical vibrations, making it valuable in both industrial and consumer-facing environments.

Applications

- Automotive Industry
- Industrial & Construction
- Packaging and Case Inserts
- Visual Merchandising & Displays
- Craft and Upholstery

Stiffened felt is available in a variety of formats to suit diverse requirements. We supply felt in roll form, either at full width (1 meter) or slit to Customer-specified widths using our slitting and log-cutting equipment. This product can also be supplied in sheets, and both formats are suitable for adhesive coating (one side of the material for rolls and both sides for sheets).

Additionally, we can produce custom-cut components in a wide range of shapes using our precision kiss-cutting, CNC, or die-cutting machinery. For more information or enquiries please contact us.