

Covering Materials

Adhesive Backed Polyesters:	Weight	General Properties
Monokote	1.97 oz./ sq. yd.	high strength, moderate weight, withstands higher temperatures, moderate shrink, best for larger models, Ultracoat seems to work best for ironing over itself or similar films Solarfilm seems to sag more in direct sun
Ultracoat (Oracover)	2.34 oz./ sq. yd.	
Solarfilm	1.99 oz./ sq. yd.	
21st Century Film	1.94 oz./ sq. yd.	
Adhesive Backed Propylenes:		
Econokote	2.07 oz./ sq. yd.	Lower strength, lower weight, lower temperature tolerance, good shrink, best for smaller models with lower wing loadings LighTex has an opaque backing and wider width Solite has limited colors, is more tranlucent, harder to work with and sags in direct sunlight Doculam has higher temperature tolerance, low sag
LighTex	1.97 oz./ sq. yd.	
Solite	.74 oz./ sq. yd.	
Doculam	1.05 oz./ sq. yd.	
Adhesive Backed Fabrics:		
21st Century Fabric	3.44 oz./ sq. yd.	generally heavier, temperature tolerant, good shrink, less sag than films, some show dirt more due to fabric weave 21st Centruy Fabric is painted--tends not to stick as well to itself--Balsarite works well here
Super Coverite	2.19 oz./ sq. yd.	
Supershrink Coverite	3.03 oz./ sq. yd.	
Uncoated Polyester Mat:		
Polyester LW Tissue	.72 oz./ sq. yd.	requires adhesive such as Balsarite or Balsaloc to apply, harder to work around compound curves, usually requires painting, good sag resistance for small r/c models and free flight
Polyspan	.62 oz./ sq. yd.	
Uncoated Fabric:		
Nylon	1.01 oz./ sq. yd.	requires adhesive such as dope, Balsarite or Balsaloc to apply, good strength, must be sealed and painted which adds weight, good for scale fabric finish Silk is light and strong but expensive and requires many coats to fill weave
Polyester	1.46 oz./ sq. yd.	
Silk	.33 oz./ sq. yd.	
Uncoated Other:		
Micafilm (Fibafilm)	1.03 oz./ sq. yd.	requires adhesive such as dope, Balsarite or Balsaloc Micafilm is a composite of film backed with fiber and is fairly light, very strong and has limited colors Silkspan and tissue are natural paper and fiber based traditional coverings, resistant to sag, poor puncture resistance on open frames, good for covering sheeted surfaces
Silkspan	.42 oz./ sq. yd.	
Domestic Tissue	.41 oz./ sq. yd.	
Esaki (Japanese) Tissue	.35 oz./ sq. yd.	

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