

3M Controltac™ 8620 ES Conformable Graphic Film

Category : Polymer , Film

Material Notes:

These 2 mil films offer versatility along with sideable, repositionable, pressure activated adhesive. These long term durable and removable films have excellent hiding power and stability, making them perfect for signs and fleet graphics, including surfaces with corrugations and rivets. Use for electrostatic printing. Films 8620C, 8620Cv2 and 8620Cv3 with Comply adhesive have air release channels for fast and easy, bubble-free graphic installations. The air release channels for films with Comply v2 and Comply v3 adhesive are non-visible. The channels in 8620Cv3 also have improved air release. Information provided by 3M

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Controltac-8620-ES-Conformable-Graphic-Film.php

Physical Properties	Metric	English	Comments
Thickness	50.8 microns	2.00 mil	without adhesive
	76.2 - 102 microns	3.00 - 4.00 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 17.2 MPa	>= 2490 psi	
Peel Strength	0.614 kN/m	3.50 pli	Adhesion to Acrylic enamel
	0.701 kN/m	4.00 pli	Adhesion to Fruehauf pre-painted panels
	0.736 kN/m	4.20 pli	Adhesion to ABS
	0.841 kN/m	4.80 pli	Adhesion to Chrome
	0.912 kN/m	5.20 pli	Adhesion to Aluminum, etched
	1.38 kN/m	7.90 pli	Adhesion to Aluminum, anodized

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	32.0 °C	89.6 °F	Compound curves
	38.0 °C	100 °F	Flat surfaces without rivets
	38.0 °C	100 °F	Curved or corrugated surfaces with rivets
Minimum Service Temperature, Air	4.00 °C	39.2 °F	Flat surfaces without rivets
	10.0 °C	50.0 °F	Curved or corrugated surfaces with rivets
	16.0 °C	60.8 °F	Compound curves

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