

## 3M Controltac™ 160 Graphic Film

Category : Polymer , Film

**Material Notes:**

4-mil, opaque white, opaque black and translucent white vinyl film with a matte finish; Pressure-activated adhesives for easy sliding, tacking, snap up and repositioning; Film series 160C-10 also has Comply™ Adhesive air release channels for fast, easy, bubble-free installations; Excellent hiding power (opaque white and black colors) and Removable with heat. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Controltac-160-Graphic-Film.php](http://www.lookpolymers.com/polymer_3M-Controltac-160-Graphic-Film.php)

Physical Properties	Metric	English	Comments
Thickness	102 microns	4.00 mil	without adhesive
	114 - 127 microns	4.50 - 5.00 mil	with adhesive

Mechanical Properties	Metric	English	Comments
Peel Strength	0.333 kN/m	1.90 pli	Adhesion to Fruehauf pre-painted panels
	0.351 kN/m	2.00 pli	Adhesion to ABS
	0.771 kN/m	4.40 pli	Adhesion to Aluminum, anodized

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	38.0 °C	100 °F	
Minimum Service Temperature, Air	4.40 °C	39.9 °F	

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