

3M™ MCS™ Warranty

Finished Graphics Warranted Durability, in Years, for Vertical Graphics Made with 3M Film, Toners and Graphic Protection

For the 3M™ Printer 2000 Using 3M™ Electrostatic Toner Series 8700/8800

Film	Graphic Protection	vehicle	outdoor	indoor
2 MIL GRAPHIC FILMS				
8620 ES	8519	7	4	8
	8520	7	4	8
	8908	—	1	3
	8909	—	1	3
	8912	5	4	8
	8915	—	—	8
	8920	5	4	—
	1920DR	5	4	8
8620C ES	8519	7	4	8
	8520	7	4	8
	8908	—	1	3
	8909	—	1	3
	8912	5	4	8
	8915	—	—	8
	8920	5	4	—
	1920DR	5	4	8
8620Cv2 ES	8519	7	4	8
	8520	7	4	8
	8908	—	1	3
	8909	—	1	3
	8912	5	4	8
	8915	—	—	8
	8920	5	4	—
	1920DR	5	4	8
8626 ES	8519	—	4	8
	8520	—	4	8
	8912	—	4	8
8628 ES	8519	—	4	8
	8520	—	4	8

Film	Graphic Protection	vehicle	outdoor	indoor
4 MIL GRAPHIC FILMS				
8671 ES	8914	1	2	5
	8920	—	—	—
8674 ES	8914	1	2	5
	8920	—	—	5
8640C ES	8519	5	4	8
	8520	5	4	8
	8912	5	4	8
	8915	—	—	8
	8920	5	4	8
	1920DR	5	4	8
8652C ES	Flat and simple curved surfaces			
	8519	2	2	2
	8520	2	2	2
	8920	2	2	2
	1920DR	2	2	2
	Compound surfaces, heat, stretching			
	8519	1	1	1
	8520	1	1	1
8655C ES	8920	1	1	1
	1920DR	1	1	1
	8519	1	1	1
	8520	1	1	1
	8908	0	1	1
	8909	1	1	1
	8912	1	1	1
	8915	—	—	1
8660-114 ES	3645	—	—	1
	3647	—	0.25	—
8662-10 ES	8519	—	0.25	—
	8520	—	0.25	—
	1920DR	—	0.25	—
	1930	—	0.25	—
	8912	—	4	8

Film	Graphic Protection	vehicle	outdoor	indoor
REFLECTIVE FILMS				
680-10	8519	5	4	8
	8912	4	4	8
	8920	5	4	8
680CR-10	8519	5	4	8
	8912	5	4	8
	8920	5	4	8
5000	8519	1.5	1.5	1.5
	8912	1.5	1.5	1.5
	8914	1.5	1.5	1.5
	8920	1.5	1.5	1.5
5100R	8519	4/3	3/2	4/3
	8912	4/3	3/2	4/3
	8914	4/3	3/2	4/3
	8920	4/3	3/2	4/3
FLEXIBLE MATERIALS				
8450	8519	—	3	1
	8920	—	3	1
Panagraphics II with 8626 and 8628 as cut graphics	8519	—	5	5
	8520	—	5	5

3M Graphic Media for Electrostatic Printing with a 3M™ MCS™ Warranty

Film/Media	Mils/Weight	Color	Adhesive	Features	See Product Bulletin for Details
3M™ Controltac™ Graphic Film 8620 ES	2	Opaque white	PA	Slideable, Positionable, Repositionable* Conformable over rivets and corrugations Removable with heat and/or chemicals	8620
3M™ Controltac™ Graphic Film with Comply™ Adhesive 8620C ES	2	Opaque white	PA/C	Slideable, Positionable, Repositionable* Air release channels Conformable over rivets and corrugations Removable with heat and/or chemicals	8620C
3M™ Controltac™ Graphic Film with Comply™ v2 Adhesive 8620Cv2 ES	2	Opaque white	PA/Cv2	Slideable, Positionable, Repositionable* Non-visible air release channels Conformable over rivets and corrugations Removable with heat and/or chemicals	8620C
3M™ Scotchcal™ Graphic Film 8626 ES	2	Clear	PSA	Permanent Designed for backlit signs	8626
3M™ Scotchcal™ Translucent Graphic Film 8628 ES	2	Translucent white	PSA	Permanent Designed for backlit signs	8628
3M™ Controltac™ Graphic Film with Comply™ Adhesive 8640C ES	4	Opaque white	PA/C	Slideable, Positionable, Repositionable* Air release channels Removable with heat	8640C
3M™ Controltac™ Changeable Graphic Film with Comply™ Adhesive 8652C ES	2	Opaque white	PA/C	Use on moderate compound curves Slideable, Positionable, Repositionable* Conformable over rivets and corrugations Removable without heat and no adhesive residue	8652C
3M™ Scotchcal™ Changeable Graphic Film 8655C ES	4	Opaque white	PSA	Low temperature application Removable without heat/chemicals and no adhesive residue	8655C
3M™ Controltac™ Graphic Film Series 8660	4	Clear	PA	Designed for floors Slideable and repositionable Removable	8660
3M™ Scotchcal™ Graphic Film 8662-10 3M™ Scotchcal™ Graphic Film 8662-114	4	White Clear	PA	Designed for sidewalks Removable	8662
3M™ Scotchlite™ Reflective Graphic Film 5000	6	Reflective white	PSA	Removable with heat	5000
3M™ Scotchlite™ Intermediate Reflective Graphic Film 5100R	6	Reflective white	PSA	Removable without heat	5100R
3M™ Scotchlite™ Reflective Graphic Film 680	7-8	Reflective white	PA	Slideable only** Conformable over corrugations and rivets Permanent	680
3M™ Scotchlite™ Removable Reflective Graphic Film with Comply™ Adhesive 680CR-10	7-8	Reflective white	PA/C	Slideable only** Air release channels Conformable over corrugations and rivets Removable with heat	680CR

Film/Media	Mils/Weight	Color	Adhesive Features		See Product Bulletin for Details
3M™ Scotchcal™ Perforated Window Graphic Film 8671	4	See through	PSA	50% Perforation pattern Image on white side; adhesive on black side Removable with heat	8671
3M™ Scotchcal™ Perforated Window Graphic Film 8674-10	4	See through	PSA	40% Perforation pattern Image on white side; adhesive on black side Removable with heat	8674
3M™ Banner Material 8450	13 oz/sq yd	Opaque white blockout	None	Flame-resistant Meets European requirement for cadmium content	B1
3M™ Panagraphics™ II Intermediate Flexible Substrate	22 oz/sq yd	White	None	Flexible sign face Seamable	P2

PSA = Pressure-sensitive adhesive
PA = Pressure-activated adhesive
PA/C = Pressure-activated adhesive with Comply Adhesive
PA/C2 = Pressure-activated adhesive with Comply version 2 Adhesive
*Positionable and repositionable only until any firm pressure is applied.
**No reflective film is positionable or repositionable.

Graphic Protection and Transfer Paper

3M™ Scotchcal™ Luster Overlamine 8519	8519
3M™ Scotchcal™ Matte Overlamine 8520	8520
3M™ Scotchcal™ Luster Overlamine 8908	8908
3M™ Scotchcal™ Matte Overlamine 8909	8909
3M™ Scotchcal™ Optically Clear Overlamine 8914	8914
3M™ Scotchcal™ High Gloss Overlamine 8912	8909
3M™ Scotchcal™ Ultra Matte Overlamine 8915	8909
3M™ Scotchcal™ Luster Overlamine 3645	3645
3M™ Scotchcal™ Luster Overlamine 3647	3647
3M™ Screen Print High Luster Protective Clear 8920	8920
3M™ Screen Print Gloss Clear 1920DR	1900
3M™ Trident Transfer Paper	Trident

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Warranty and Limited Liability. The following is made in lieu of all other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose: all 3M products are warranted to be free of defects in materials and manufacture at the time of shipment and to meet the specifications stated in the film or media's Product Bulletin. Also see the Graphics Market Center Warranty Brochure, which gives the terms, additional limitations of the warranty, if any, and limitations of liability.

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