

Colored Films

Pigmented Opaque Films

3M™ MCS™ Warranty		Zone 1																Release: January 2025			
Review the notes below the table and on the last page of this document. Product offering may vary from country to country. Local availability of selected graphics constructions should be clarified with your local 3M subsidiary.		Transportation				Exterior Signs				Interior Signs				Watercraft				OEM			
		Vehicles, Trailers, Rail, Personal recreational utility vehicles***				Exterior Surface & Sign				Interior Surface & Sign				Inland and Seagoing Watercrafts				OEM Graphics			
		Bare	Good	Better	Best	Bare	Good	Better	Best	Bare	Good	Better	Best	Bare	Good	Better	Best	Bare	Good	Better	Best
100, 180**	White / Black	8	6	8/2	9/4	7	5	7/2	8/4	8	5	8	8	3	-	-	3	6	-	-	-
7125, 7725	Colors	7	6	7/2	8/3	6	5	6/2	7/3	8	5	8	8	3	-	-	3	6	-	-	-
PF Series	Transparent / Metallic / Custom	5	6	6/2	7/3	4	5	5/2	6/3	6	5	6	6	-	-	-	-	5	-	-	-
680, 680CR	All Colors	8	6	8	8/4	7	5	7	7	8	-	8	8	-	-	-	-	-	-	-	-
1080	All Colors	4/2	-	4/2	5/3	-	-	-	-	8	-	8	8	3	-	-	3	-	-	-	-
2080	All Colors	8/3	-	8/2	8/4	-	-	-	-	8	-	8	8	3	-	-	3	-	-	-	-
181	White/ Black	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Custom Color	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3650	White/ Black	8	-	-	-	7	-	-	-	8	-	-	-	-	-	-	-	6	-	-	-
	Transparent/ Custom	5	-	-	-	4	-	-	-	6	-	-	-	-	-	-	-	5	-	-	-
8000LF	White/ Black	8	-	-	-	7	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
	Colors	7	-	-	-	6	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-
3690C, 3690LF	All Colors	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-
3480	All Colors	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7725SE-400	All Colors	-	-	-	-	1.5	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-

Graphic Protection options	Bare	Good	Better	Best
100, 180, 7125, 7725, PF Series	-	8993, 8995-124*	8518, 8519, 8520, 8588G, 8590M, 8900	8528, 8548G, 8549L, 8550M
680, 680CR	-	8993	8518, 8519, 8900 (but not textured)	8528, 8549L, 8548G
1080	-	-	8900	8528
2080	-	-	8518, 8519, 8520, 8900	8528
181	-	-	-	-
3650	-	-	-	-
8000LF	-	-	-	-
3690C, 3690LF	-	-	-	-
3480	-	-	-	-
7725SE-400	-	-	-	-

First number represents vertical exposure / second number non-vertical exposure warranty period of graphics. All boxes with one number only have a vertical exposure warranty period. Warranty period stated in YEARS.

Graphic Protection & Media Options:

Before selecting a 3M Graphic Product, find the best combination of protection and film for your graphic application including conformability, gloss, adhesion to substrate and other attributes by reviewing 3M Product and Instruction Bulletins.

*For Interior Surface & Sign applications only

**OEM Graphics Warranty is for 180 Only

***Following films have no Rail warranty: 100, 180 bare metallic, 181 Custom Color, 1080, 2080, 3480, 3650, 7125, 7725

Translucent, Diffuser and Light Management Films

3M™ MCS™ Warranty

Zone 1

1

Release: January 2025

Review the notes below the table and on the last page of this document.

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		Exterior Signs		Interior Signs	
		Exterior Surface & Sign		Thermoformed Sign *	Interior Surface & Sign
		Bare	Best	Bare	Best
3630, 3730, 3635-30, 3735-50, 3735-60	Colors 1st Surface, Solar & Non-solar grade PC, Acrylic, Glass, PETG	7	10/7	5	7
	Metallics 1st Surface, Solar & Non-solar grade PC, Acrylic, Glass, PETG	4	5	-	-
	Colors 2nd Surface, Non-solar grade PC	7	-	5	5
	Metallics 2nd Surface, Non-solar grade PC	4	-	-	-
	Colors 2nd Surface, Solar grade PC, Acrylic, Glass, UV PETG	10/7	-	7	7
	Metallics 2nd Surface, Solar grade PC, Acrylic, Glass, UV PETG	5	-	-	-
3630, 3730	Colors 1st Surface, P3, FS-1 **	7	10/7	5	-
	Metallics 1st Surface, P3, FS-1 **	4	5	-	-
3635-70	1st Surface, Solar & Non-solar grade PC , Acrylic, Glass, PETG	-	5	-	-
	2nd Surface, Non-solar grade PC	6	-	4	-
	2nd Surface, Solar grade PC, Acrylic, Glass, UV PETG	7	-	4	-
3635-157, 200, 210, 222	All Colors - Color In, Color On	6	-	-	-
3635-20B, 22B	White / Black	6	10/7	-	-
3635-91	Gray	5	8/5	-	-
3635-110	1st Surface & 2nd Surface	6	-	4	-

Graphic Protection options

All Films listed above

Bare

Best

-

3658G, 3660M

First number represents vertical exposure / second number non-vertical exposure warranty period of graphics. All boxes with one number only have a vertical exposure warranty period. Warranty period stated in YEARS.

Graphic Protection & Media Options:

Before selecting a 3M Graphic Product, find the best combination of protection and film for your graphic application including conformability, gloss, adhesion to substrate and other attributes by reviewing 3M Product and Instruction Bulletins.

1st Surface: Film applied on the outside of a signbox with direct sun and environmental exposure

2nd Surface: Film applied on the inside of a transparent sheeting. This applies to standard glass and plastic types.

*Thermoformed signs not warranted for metallics

** Overlamine needs to cover the entire surface of base film and flex substrate

Geographical Zones

Zone 1:

Austria, Belarus, Belgium, Bosnia, Croatia, Czech Republic, Denmark, Estonia, Finland, France (except Corsica), Germany, Greenland, Hungary, Iceland, Ireland, Italy (north of Rome), Kazakhstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Moldova, Mongolia, Montenegro, Netherlands, Norway, Poland, Romania, Serbia, Slovakia, Slovenia, Sweden, Switzerland, UK, Ukraine (excluding Crimea region)

Zone 2:

Albania, Armenia, Australia (south of Brisbane - Perth line), Azerbaijan, Benin, Brunei, Bulgaria, Burundi, Cambodia, Canada, Central African Republic, China, Congo, Crete, Djibouti, Fiji, France (Corsica), Gabon, Georgia, Ghana, Gibraltar, Greece (except Crete), Guam, Guinea-Bissau, Hong Kong, Indonesia, Italy (south of Rome and Sardinia), Ivory Coast, Kenya, Kyrgyzstan, Laos, Lesotho, Liberia, Macedonia, Malawi, Malaysia, Malta, Marshall Islands, Mozambique, New Caledonia, New Zealand, Nigeria, North Vietnam, Papua New Guinea, Philippines, Portugal, Rwanda, Sierra Leone, Singapore, Solomon Islands, Somalia, South Africa (except of Kalahari desert and Namib desert area), South Korea, South Vietnam, Spain (except Canary Islands), Sumatra, Taiwan, Tajikistan, Tanzania, Tasmania, Thailand, Togo, Tonga, Turkey, Turkmenistan, Tuvalu, Uganda, USA (except desert south west area), Uzbekistan, Zaire

Zone 3:

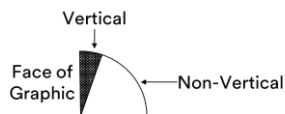
Afghanistan, Algeria, Angola, Antigua, Argentina (except Gran Chaco area), Aruba, Australia (north of Brisbane - Perth line), Bahamas, Bahrain, Bangladesh, Barbados, Barbuda, Belize, Bhutan, Bolivia, Botswana, Brazil, Burkina, Cameroon, Cayman Islands, Chad, Chile (except Atacama area), Colombia, Costa Rica, Curacao, Cyprus, Dominica, Dominican Republic, Dubai, Ecuador, Egypt, El Salvador, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Greece (Crete), Guatemala, Guinea, Guyana, Haiti, Honduras, India, Iraq, Israel, Jamaica, Jordan, Kuwait, Lebanon, Libya, Madagascar, Maldives, Mali, Mauritania, Mauritius, México (except Sonora, Chihuahua, Baja California, Sur y Baja California area), Morocco, Myanmar, Namibia, Nepal, Netherlands Antilles, Nicaragua, Niger, Oman, Pakistan, Panamá, Paraguay, Perú, Puerto Rico, Qatar, Sao Tome & Principe, Saudi Arabia, Senegal, Spain (Canary Islands), Sri Lanka, St. Martin, Sudan, Surinam, Swaziland, Trinidad and Tobago, Tunisia, United Arab Emirates, Uruguay, USA (desert south west area), Venezuela, Virgin Islands, Western Sahara, Yemen, Zambia, Zimbabwe

USA (desert south west area)

Definitions

“Application(s)” is defined as an end-use application identified in the Warranty Matrices that defines warranty coverage including, but not limited to: i) “Interior Signs” (stationary graphics located indoors and not exposed to the elements); ii) “Exterior Signs” (stationary graphics located outdoors and exposed to the elements); iii) “Watercraft” (non-regulated, exterior surfaces on boats with an application above the water line; iv) “Transportation” (a) Rail (freight and passenger rail cars and locomotives); (b) Vehicles (buses, vans, passenger vehicles, delivery trucks, pickup trucks, straight trucks, and semi-tractors); (c) Trailers (semi-trailers, enclosed trailers and tankers used for commercial business purposes excluding air shields and soft-sided trailers); and (d) Personal recreational utility vehicles (snowmobiles, ATVs, UTVs, motorcycles, golf carts); v) OEM Graphics (OEM labels and decorative graphics produced for and used by original equipment manufacturers).

“Exposure” is defined by angle: a) vertical exposures (face of graphic is less than 15° from vertical) and b) non-vertical exposures (face of graphic is greater than 15° from vertical) and by location (global geographic zones). Angles and locations are described and located in the Warranty Matrices and in the Global Geographic Zones Map. Note that the Global Geographic Zones are based on a variety of environmental conditions.



Warranty and Limited Liability

Refer to the 3M Graphics Products Warranty Bulletin for complete information on warranty coverage under the 3M™ Basic Product Warranty and potential coverage under the 3M™ Performance Warranty and 3M™ MCS™ Warranty. Warranty coverage, warranty periods and warranty terms vary including, but not limited to, variations based on approved combinations of 3M Graphics Products, MCS Warranty Inks, Printers, Exposures, and Applications. Except for the limited remedies stated in the Warranty Bulletin and except to the extent prohibited by law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.