

3M™ Floor Graphics Solutions

Introduction

The demand for floor graphics has increased dramatically in recent months and 3M has enhanced its product offering to meet the needs of graphic manufacturers and end customer facilities. The purpose of this bulletin is to describe the range of 3M floor graphic solutions that may be suitable for customer projects. Please consult the Product Bulletins for complete information.

Interior Floor Graphic Films

Print Film	Vinyl/Non-Vinyl	Cast/Non-Cast	Thickness (mil)	Adhesive Features	Overlamine Options		
40C-10R 40C-20R	Vinyl	Non-Cast	3	<ul style="list-style-type: none"> Controltac™ Comply™ 	8509 3645	8510M 8050M	8550M 8520 3647
IJ160-10 IJ160C-10	Vinyl	Non-Cast	4	<ul style="list-style-type: none"> Controltac™ Comply™ (IJ160C only) 	8509 3645	8510M 8050M	8550M 8520 3647
IJ36-20	Vinyl	Non-Cast	3.4	N/A	8509 3645	8510M 8050M	8550M 8520 3647
48C-20R	Non-Vinyl	Non-Cast	3	<ul style="list-style-type: none"> Controltac™ Comply™ 	8050M 3645	8509 8510M	8550M 8520 3647
IJ180Cv3-10 IJ180C-10 IJ180mC-10	Vinyl	Cast	2	<ul style="list-style-type: none"> Controltac™ Comply™ 	8509 3645	8520 8550M	8050M 8510M 3647
LX480mC SV480mC	Non-Vinyl	Non-Cast	2	<ul style="list-style-type: none"> Controltac™ Comply™ 	8509 3645	8520 8550M	8050M 8510M 3647

Interior Floor Graphic Surface Types

All 3M™ Graphic Films listed in the above table can be applied to the following floor surfaces:

- Waxed Vinyl
- Sealed Concrete
- Marble
- Ceramic Tile
- Sealed Wood
- Terrazzo

IMPORTANT NOTE

Only 40C-10R, 40C-20R, and 48C-20R are approved for use on carpeted surfaces.

Interior Floor Graphic Overlaminates

Overlaminate	Traffic	Vinyl/Non-Vinyl	Cast/Non-Cast	Thickness (mil)	Gloss	Testing & Certification(s)	Expected Durability
3645	High	Vinyl	Non-Cast	8	Luster	<ul style="list-style-type: none"> • UL410* • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 	12 Months
3647	High	Vinyl	Cast	19	Matte	<ul style="list-style-type: none"> • UL410* • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 	12 Months
8050M	Low	Non-Vinyl	Non-Cast	2	Matte	<ul style="list-style-type: none"> • UL410* • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 • GreenGuard® Gold 	6-12 Months
8509	Low	Vinyl	Non-Cast	3	Luster	<ul style="list-style-type: none"> • UL410* • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 	6-12 Months
8510M	Low	Vinyl	Non-Cast	3.5	Matte	<ul style="list-style-type: none"> • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 	6-12 Months
8520	Low	Vinyl	Cast	2	Matte	<ul style="list-style-type: none"> • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 	3-6 Months
8550M	Low	Non-Vinyl	Non-Cast	2	Matte	<ul style="list-style-type: none"> • ASTM D-2047 • ANSI B101.1 • ANSI B101.3 • GreenGuard® Gold 	3-6 Months

* UL410 testing procedures utilize ASTM D-2407 methodology.

Exterior Floor Graphic Films

Print Film	Material	Thickness (mil)	Features	Overlaminate	Expected Durability
3662-10	Vinyl	2	<ul style="list-style-type: none"> • Solvent- and UV-screen-print only • Ideal for sidewalk graphics • High-tack, pressure-sensitive adhesive 	3647 Safety-Walk™ 220	3-6 Months
Safety-Walk™ 588	Abrasive Particle Polymer	41	<ul style="list-style-type: none"> • Direct-print • UV-printable only • Higher conformability to irregular surface • NFSI certified for high traction 	N/A	3-6 Months
Safety-Walk™ 688	Abrasive Particle Polymer	41	<ul style="list-style-type: none"> • Direct-print • UV-printable only • NFSI certified for high traction 	N/A	3-6 Months

Commercial Solutions

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