



# Amber 35 Window Film

## All Seasons Window Film

### 1. Product Description

3M™ All Seasons Amber 35 is a metallized solar control film for interior application.

### 2. Applications

3M™ All Seasons Amber 35 is intended for interior application on flat glass substrates.

### 3. Typical Properties

Product construction	
Material base	Metallized Polyester
Adhesive	Pressure sensitive acrylic
Protective liner	Siliconized PET

Typical Performance Properties according to EN 410												
Glass Type	Film Type	Visible Light			Total Solar Energy Rejected	G Value (SHGC)	LSG (Light to solar gain)	U Value		Heat Loss Reduction	Heat Gain Reduction	Glare Reduction
		Reflected (interior)	Reflected (exterior)	Transmission				btu/hft²F	W/m²K			
Single Pane												
Clear	No Film	9	8	89	19	0.82	1.1	1.03	5.9	NA	NA	NA
	Amber 35	60	54	30	75	0.25	1.2	0.85	4.8	17	69	#
Tinted	No Film	6	6	53	37	0.63	0.8	1.03	5.9	NA	NA	NA
	Amber 35	60	22	17	73	0.27	0.6	0.85	4.8	17	57	#
Double Pane												
Clear	No Film	15	15	79	30	0.7	1.1	0.47	2.6	NA	NA	NA
	Amber 35	61	53	28	68	0.28	1.0	0.42	2.3	11	54	#
Tinted	No Film	13	8	47	49	0.51	0.9	0.47	2.6	NA	NA	NA
	Amber 35	61	22	16	74	0.26	0.6	0.42	2.3	11	48	#

Insert Company  
address  
before issue

© 3M 2014 All Rights Reserved.

Issue date 11.01.2017  
Supersedes 16.09.2016

## 4. User Information

### 4.1 Shelf Life & Storage (prior to application)

Shelf life is 5 years from the manufacturing date. Material should be stored in its original packaging, laying in a horizontal orientation, away from direct sunlight. Heavy objects should not be placed on top of it to avoid damaging the product. Recommended storage conditions are 21°C and 40 – 50% relative humidity. Avoid extreme temperature ranges in storage.

### 4.2 Application

Recommended substrate	Glass (as described in EN 15755-1)
Recommended surface	Flat to simple curved
Application method	Suitable for wet application
Application temperature	From +4 °C to +45°C
Service temperature	From -40°C to +70°C
Edge sealing	Not necessary
Drying time	Final adhesion is reached after approximately 20 days at 18°C and dry conditions. Please refer to local instructions for details.

### 4.3 Maintenance and Cleaning

Use a cleaning agent designed for high quality glass surfaces. The cleaning agent must be wet and non-abrasive with a pH value between 6 and 8 (neither strongly acidic nor strongly alkaline).

## 5. Additional Information

To request additional product information see address below.

### ***Important Notice***

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluates the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application.

Values presented have been determined by standard test methods and are average values not meant to be used for specification purposes.

All questions of warranty and liability relating to 3M products are governed by the terms of the respective sale subject, where applicable, to the prevailing law.

3M is a trademark of the 3M Company.

Insert Company  
address  
before issue

© 3M 2014 All Rights Reserved.

Issue date 11.01.2017  
Supersedes 16.09.2016