

## Film-to-Glass Recommendation Table

### Basic Background Information

The following table is meant to be used as a guide to provide for improved installation quality and minimal confusion. We have seen that installing a film designed for flat glass application onto a vehicle can result in serious issues at times. Installing automotive films onto flat glass can cause problems as well.

Recommended **(R)**

Non-Standard Application. Specifications may not meet customer requirements. **(NSA)**

Not Recommended. **(NR)**

| Products                               | Automotive Category        | Flat Glass Category   |                        |                           |  |
|----------------------------------------|----------------------------|-----------------------|------------------------|---------------------------|--|
|                                        | Automotive General Purpose | Commercial (Internal) | Residential (Internal) | All External Applications |  |
| 3M™ Safety & Security Window Films (1) |                            |                       |                        |                           |  |
| All interior safety films              | NSA                        | R                     | R                      | NR                        |  |
| Exterior safety films                  | NSA                        | R                     | R                      | R                         |  |
| 3M™ Automotive Window Films            |                            |                       |                        |                           |  |
| Crystalline Series                     | R                          | NR                    | NR                     | NR                        |  |
| Color Stable Series (2,3,4)            | R                          | NSA                   | NSA                    | NR                        |  |
| FX XT Series (3)                       | R                          | NR                    | NR                     | NR                        |  |
| FX XT HP Series (3)                    | R                          | NR                    | NR                     | NR                        |  |
| FX XT 70                               | R                          | NR                    | NR                     | NR                        |  |
| Black Chrome Series (3)                | R                          | NSA                   | NSA                    | NR                        |  |
| SAS Series                             | R                          | NR                    | NR                     | NR                        |  |
| Obsidian                               | R                          | NR                    | NR                     | NR                        |  |
| Flat Glass Films                       |                            |                       |                        |                           |  |
| Prestige Series                        | NR                         | R                     | R                      | NR                        |  |
| Ceramic Series                         | NR                         | R                     | R                      | NR                        |  |
| Night Vision Series                    | NR                         | R                     | R                      | NR                        |  |
| Traditional Series                     | NR                         | R                     | R                      | NR                        |  |
| External Series                        |                            |                       |                        |                           |  |
| Exterior Prestige                      | NR                         | NSA                   | NSA                    | R                         |  |
| Exterior Metallized Film Series        | NR                         | NR                    | NR                     | R                         |  |

#### Footnotes:

1 – Safety films are “Non Standard” or “Not Recommended” in Automotive because of their thicker layer of adhesive..

2 – Color Stable used in Flat Glass is a “Non Standard Application” because of thermal stress factors.

3 – Black Automotive films have more color change than Flat Glass films and are therefore “Non Standard” or “Not Recommended” for Flat Glass.

4 – Appearance specifications and product design make Windshields a “Non Standard” or “Not Recommended” application.

### Commercial Solutions Division

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