

# 3M™ Scotchshield™ Ultra Safety and Security Window Film





## S35NEAR400

### Summary


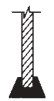


#### Product Benefits

- Increase personal safety from flying glass.
- Deters smash and grab burglaries.
- Increase protection from windstorms, blasts, and earthquakes.
- Increase daytime privacy.
- Reduces air conditioning costs.
- Stay cooler by reducing excessive heat in warmer months.
- Reduces glare and eye discomfort.
- Furniture and fabrics have a longer acceptable life.

#### Product Performance

| S35NEAR400                  |  |  |  |  |
|-----------------------------|---|---|---|---|
| Solar Heat Reduction        | 45%   | 35%   | 28%   | 22%   |
| Heat Loss Reduction         | 0%  | 0%  | 0%  | 0%  |
| Glare Reduction             | 58%   | 56%   | 58%   | 58%   |
| UV Blocked                  | 99%   | 99%   | 99%   | 99%   |
| Total Solar Energy Rejected | 56%   | 61%   | 50%   | 63%   |

#### Technical Data

| Glass Type  | Applied Product | Shading Coefficient | Visible Light |             | Emissivity | “U” Value |
|---|-----------------|---------------------|---------------|-------------|------------|-----------|
|   |                 |                     | Reflected     | Transmitted |            |           |
|  | None            | 0.94                | 8%            | 88%         | 0.84       | 1.06      |
|   | S35NEAR400      | 0.51                | 20%           | 37%         | 0.84       | 1.06      |
|  | None            | 0.69                | 5%            | 50%         | 0.84       | 1.06      |
|   | S35NEAR400      | 0.45                | 9%            | 22%         | 0.84       | 1.06      |
|  | None            | 0.81                | 14%           | 78%         | 0.84       | 0.50      |
|   | S35NEAR400      | 0.58                | 24%           | 33%         | 0.84       | 0.50      |
|  | None            | 0.55                | 8%            | 45%         | 0.84       | 0.50      |
|   | S35NEAR400      | 0.43                | 10%           | 19%         | 0.84       | 0.50      |

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## S35NEAR400 Inventory

| ENGLISH                     |   | METRIC                     |   |
|-----------------------------|---|----------------------------|---|
| Film to Core Distance (in.) | Approximate lineal (feet) of remaining film on the core | Film to Core Distance (mm) | Approximate lineal (meters) of remaining film on the core |
| inches                      | lineal feet   | mm                         | lineal meters   |
| 1/64                        | 2.8   | 0.4                        | 0.8   |
| 2/64                        | 5.6   | 0.8                        | 1.6   |
| 3/64                        | 8.5   | 1.2                        | 2.4   |
| 4/64                        | 11.4  | 1.6                        | 3.2   |
| 5/64                        | 14.3  | 2.0                        | 4.0   |
| 6/64                        | 17.2  | 2.4                        | 4.8   |
| 7/64                        | 20.2  | 2.8                        | 6.1   |
| 8/64                        | 23.2  | 3.2                        | 7.1   |
| 9/64                        | 26.2  | 3.6                        | 8.0   |
| 10/64                       | 29.2  | 4.0                        | 8.9   |
| 11/64                       | 32.3  | 4.4                        | 9.8   |
| 12/64                       | 35.4  | 4.8                        | 10.8  |
| 13/64                       | 38.5  | 5.2                        | 11.7  |
| 14/64                       | 41.7  | 5.6                        | 12.7  |
| 15/64                       | 44.8  | 6.0                        | 13.7  |
| 16/64                       | 48.0  | 6.4                        | 14.7  |
| 17/64                       | 51.3  | 6.8                        | 15.7  |
| 18/64                       | 54.5  | 7.2                        | 16.6  |
| 19/64                       | 57.8  | 7.5                        | 17.6  |
| 20/64                       | 61.1  | 7.9                        | 18.6  |
| 21/64                       | 64.4  | 8.3                        | 19.6  |
| 22/64                       | 67.8  | 8.7                        | 20.7  |
| 23/64                       | 71.2  | 9.1                        | 21.7  |
| 24/64                       | 74.6  | 9.5                        | 22.7  |
| 25/64                       | 78.0  | 9.9                        | 23.7  |
| 26/64                       | 81.5  | 10.3                       | 24.8  |
| 27/64                       | 84.9  | 10.7                       | 25.9  |
| 28/64                       | 88.5  | 11.1                       | 27.0  |
| 29/64                       | 92.0  |                            |   |
| 30/64                       | 95.6  |                            |   |
| 31/64                       | 91.1  |                            |   |

Plus or minus 3.0 ft.

Plus or minus 1.0 m