## Anti-Fragmentation Films and Anti-Graffiti Films

| Product | Color | Visible Light Transmission | % Total Solar Transmittance | % Total Solar Reflectance | % Total Solar Absorptance | % Visible Light Reflectance INTERIOR | % Visible Light Reflectance EXTERIOR | Median Winter U-Factor | Shading Coefficient | % Total UV Rejection | % Total Solar Energy Rejected | Film Thickness inches | Structure Layers | Tensile Strength - PSI Avg MD/TD | Break Strength - lbs. per inch (width) | Peel Strength - lbs. per inch |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Anti-Fragmentation Films** | | | (Residentail Lifetime / Commercial 10 year Warranty) | | | | | | | | | | | | |
| **AF 4** | Clear 4 mil | 84 | 78 | 10 | 12 | 10 | 10 | 1.08 | 0.94 | > 99 | 19 | .004” | 1 ply | 34000 | 134 | > 7 |
| **AF 7** | Clear 7 mil | 84 | 78 | 10 | 12 | 10 | 10 | 1.08 | 0.93 | > 99 | 19 | .007” | 1 ply | 32000 | 204 | > 7 |
| **AF 8** | Clear 8 mil | 88 | 78 | 9 | 13 | 10 | 10 | 1.03 | 0.94 | > 99 | 18 | .008” | multi ply | 32000 | 252 | > 6.2 |
| **AF 11** | Clear 11 mil | 85 | 78 | 9 | 13 | 11 | 11 | 1.03 | 0.93 | > 99 | 19 | .011” | multi ply | 32000 | 335 | > 6 |
| | | | | | | | | | | | | | | | | |
| **AFS 20** | Silver 8 mil | 15 | 12 | 55 | 33 | 58 | 60 | 0.94 | 0.25 | > 99 | 79 | .008" | multi ply | 32000 | 252 | > 6.2 |
| **AFN 35** | Neutral 8 mil | 35 | 35 | 18 | 47 | 16 | 17 | 1.06 | 0.57 | > 99 | 53 | .008” | multi ply | 32000 | 252 | > 6.2 |
| | | | | | | | | | | | | | | | | |
| | **Anti-Graffiti Films** | | | | | | | | | | | | | | | |
| **AG 4** | Clear 4 mil | 89 | 81 | 9 | 10 | 10 | 10 | 1.02 | 0.97 | > 99 | 16 | | | | | |
| **AG 7** | Clear 7 mil | 89 | 79 | 8 | 13 | 10 | 10 | 1.02 | 0.95 | > 99 | 17 | | | | | |