

# MAXPRO™ WINDOW FILMS

## Architectural Window Film Comparison Chart

|                                       | Total Solar Energy |             |           | Visible Light |                      |                      |                 | Glare Reduction % | Solar Heat Gain Coefficient | Shading Coefficient | Luminous Efficacy | Total Solar Energy Rejection % | Infrared Rejection % | U-Factor | Emissivity | Ultraviolet Rejection % |
|---------------------------------------|--------------------|-------------|-----------|---------------|----------------------|----------------------|-----------------|-------------------|-----------------------------|---------------------|-------------------|--------------------------------|----------------------|----------|------------|-------------------------|
|                                       | Transmitted %      | Reflected % | Absorbed% | Transmitted % | Reflected Exterior % | Reflected Interior % | Visible Light % |                   |                             |                     |                   |                                |                      |          |            |                         |
| <b>Ultra Max Series</b>               |                    |             |           |               |                      |                      |                 |                   |                             |                     |                   |                                |                      |          |            |                         |
| Elite Max 35% PS                      | 20%                | 60%         | 20%       | 34%           | 54%                  | 56%                  | 62%             | 0.26              | 0.29                        | 1.16                | 74%               | 94%                            | 0.94                 | 0.65     | 99%        |                         |
| Elite Max 50% PS                      | 33%                | 54%         | 22%       | 51%           | 37%                  | 37%                  | 43%             | 0.38              | 0.44                        | 1.15                | 62%               | 88%                            | 0.94                 | 0.66     | 99%        |                         |
| Elite Max 70% PS                      | 50%                | 31%         | 19%       | 69%           | 22%                  | 21%                  | 24%             | 0.55              | 0.63                        | 1.09                | 45%               | 74%                            | 0.96                 | 0.69     | 99%        |                         |
| Max Neutral 20% DA                    | 18%                | 26%         | 56%       | 19%           | 29%                  | 31%                  | 78%             | 0.35              | 0.41                        | 0.48                | 65%               | 81%                            | 1.03                 | 0.83     | 99%        |                         |
| Max Neutral 35% DA                    | 33%                | 16%         | 52%       | 35%           | 17%                  | 19%                  | 61%             | 0.49              | 0.56                        | 0.63                | 52%               | 67%                            | 1.05                 | 0.85     | 99%        |                         |
| Max Neutral 55% DA                    | 54%                | 8%          | 37%       | 58%           | 9%                   | 10%                  | 36%             | 0.66              | 0.76                        | 0.76                | 34%               | 45%                            | 1.07                 | 0.89     | 99%        |                         |
| Max Solar Bronze 20% DA               | 15%                | 39%         | 46%       | 23%           | 28%                  | 33%                  | 75%             | 0.28              | 0.32                        | 0.72                | 72%               | 92%                            | 0.92                 | 0.61     | 99%        |                         |
| Max Solar Bronze 35% DA               | 26%                | 29%         | 45%       | 35%           | 19%                  | 24%                  | 61%             | 0.38              | 0.44                        | 0.80                | 62%               | 86%                            | 0.92                 | 0.62     | 99%        |                         |
| <b>Ultra Plus Series</b>              |                    |             |           |               |                      |                      |                 |                   |                             |                     |                   |                                |                      |          |            |                         |
| Max Dual Reflective 5% DA             | 10%                | 53%         | 37%       | 8%            | 55%                  | 15%                  | 91%             | 0.20              | 0.23                        | 0.34                | 80%               | 93%                            | 0.96                 | 0.69     | 99%        |                         |
| Max Dual Reflective 15% DA            | 15%                | 47%         | 39%       | 14%           | 48%                  | 21%                  | 84%             | 0.25              | 0.29                        | 0.48                | 75%               | 90%                            | 0.96                 | 0.69     | 99%        |                         |
| Max Dual Reflective 25% DA            | 28%                | 29%         | 44%       | 27%           | 27%                  | 14%                  | 70%             | 0.40              | 0.47                        | 0.59                | 60%               | 79%                            | 0.99                 | 0.74     | 99%        |                         |
| Max Dual Reflective 35% DA            | 42%                | 14%         | 44%       | 37%           | 13%                  | 8%                   | 58%             | 0.55              | 0.63                        | 0.60                | 45%               | 62%                            | 1.02                 | 0.81     | 99%        |                         |
| Max Dual Reflective 45% DA            | 51%                | 9%          | 40%       | 45%           | 8%                   | 7%                   | 49%             | 0.64              | 0.73                        | 0.62                | 36%               | 48%                            | 1.05                 | 0.87     | 99%        |                         |
| Max Dual Reflective Enhance 5% DA     | 7.5%               | 45.6%       | 46.9%     | 7%            | 47.3%                | 10%                  | 92%             | 0.20              | 0.23                        | 0.93                | 80%               | 91.7%                          | 1.1                  | 0.88     | 99%        |                         |
| Max Dual Reflective Enhance 15% DA    | 14.1%              | 40.7%       | 45.2%     | 16%           | 41%                  | 15.8%                | 82%             | 0.26              | 0.30                        | 1.15                | 74%               | 86.7%                          | 1.1                  | 0.88     | 99%        |                         |
| Max Dual Reflective Enhance 25% DA    | 22.5%              | 31.7%       | 45.8%     | 26%           | 30.9%                | 16.8%                | 70%             | 0.35              | 0.40                        | 1.17                | 65%               | 79.6%                          | 1.1                  | 0.88     | 99%        |                         |
| Max Dual Reflective Enhance 35% DA    | 34.7%              | 21.2%       | 44.1%     | 37%           | 20.8%                | 14.9%                | 58%             | 0.47              | 0.54                        | 1.07                | 53%               | 68.6%                          | 1.1                  | 0.88     | 99%        |                         |
| Max Dual Reflective Enhance 45% DA    | 42.7%              | 13.8%       | 43.5%     | 45%           | 13.9%                | 11.8%                | 49%             | 0.55              | 0.63                        | 1.05                | 45%               | 59.8%                          | 1.1                  | 0.88     | 99%        |                         |
| <b>Reflective Max Series</b>          |                    |             |           |               |                      |                      |                 |                   |                             |                     |                   |                                |                      |          |            |                         |
| Max Silver 20% DA                     | 14%                | 53%         | 34%       | 19%           | 56%                  | 56%                  | 79%             | 0.23              | 0.26                        | 0.73                | 78%               | 93%                            | 0.90                 | 0.58     | 99%        |                         |
| Max Silver 30% DA                     | 22%                | 42%         | 36%       | 30%           | 43%                  | 42%                  | 67%             | 0.32              | 0.37                        | 0.82                | 68%               | 88%                            | 0.92                 | 0.62     | 99%        |                         |
| Max Silver 40% DA                     | 34%                | 29%         | 37%       | 44%           | 28%                  | 27%                  | 51%             | 0.44              | 0.50                        | 0.88                | 56%               | 80%                            | 0.95                 | 0.68     | 99%        |                         |
| <b>Exterior Max Series</b>            |                    |             |           |               |                      |                      |                 |                   |                             |                     |                   |                                |                      |          |            |                         |
| Exterior Clear Max 7 Mil PS           | 81%                | 7%          | 13%       | 89%           | 8%                   | 8%                   | 1%              | 0.84              | 0.97                        | 0.91                | 16%               | 26%                            | 1.04                 | 0.87     | 99%        |                         |
| Exterior Max Silver 15% 2 Mil PS      | 13%                | 66%         | 21%       | 18%           | 65%                  | 62%                  | 80%             | 0.19              | 0.22                        | 0.81                | 81%               | 94%                            | 1.04                 | 0.68     | 99%        |                         |
| Exterior Max Solar Grey 20% 2 Mil PS  | 17%                | 32%         | 51%       | 18%           | 34%                  | 30%                  | 80%             | 0.32              | 0.38                        | 0.47                | 67%               | 82%                            | 1.03                 | 0.81     | 99%        |                         |
| Exterior Max Soft Bronze 20% 3 Mil PS | 14%                | 51%         | 34%       | 21%           | 35%                  | 26%                  | 77%             | 0.25              | 0.28                        | 0.74                | 75%               | 94%                            | 1.04                 | 0.76     | 99%        |                         |
| Exterior Max Soft Bronze 35% 3 Mil PS | 24%                | 37%         | 39%       | 34%           | 24%                  | 22%                  | 62%             | 0.36              | 0.42                        | 0.82                | 64%               | 87%                            | 1.04                 | 0.80     | 99%        |                         |
| <b>Specialty Films</b>                |                    |             |           |               |                      |                      |                 |                   |                             |                     |                   |                                |                      |          |            |                         |
| ClearMax 2 Mil                        | 79%                | 8%          | 13%       | 82%           | 8%                   | 8%                   | 9%              | 0.83              | 0.95                        | 0.86                | 17%               | 19%                            | 1.05                 | 0.88     | 99%        |                         |
| White Max 2 Mil                       | 15%                | 51%         | 34%       | 10%           | 64%                  | 86%                  | 89%             | 0.25              | 0.29                        | 0.36                | 75%               | 78%                            | 1.04                 | 0.86     | 99%        |                         |
| Black Max 3 Mil                       | 0%                 | 5%          | 96%       | 0%            | 5%                   | 7%                   | 100%            | 0.30              | 0.35                        | 0.00                | 74%               | 99%                            | 1.04                 | 0.86     | 100%       |                         |
| White Frost Matte 2 Mil               | 66%                | 16%         | 18%       | 68%           | 19%                  | 20%                  | 24%             | 0.71              | 0.82                        | 0.83                | 29%               | 33%                            | 1.04                 | 0.86     | 99%        |                         |

\*The IR Rejection measurement is based on an average transmission form 780-2500m

The performance data shown is based on film applied to 1/8" clear, monolithic, annealed glass. Technical values reported are typical properties and should not be used as a specification. The user alone is aware of the specific conditions in which the product is to be applied, therefore, it is their responsibility to determine the suitability of the product for that intended application. If you need more comprehensive information or guidance, contact maxpro or your local Maxpro window film dealer.