

Maxpro Film Usage Recommendations

| Product | Description | Visible Light Transmitted | Solar Energy Reflected | Solar Energy Absorbed | Single Pane | | | | | | | | | | | | Dual Pane | | | | Inboard/Outboard | | | | Triple Pane | | | | | | | | Laminated Any Size | Product |
|-----------------------------------|--|---------------------------|------------------------|-----------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|-----------------|----------------|-------------------|----------------|-------------------|-----------------------|--------------------|----------------|-----------------------------------|------------------|-----------------------|---------|
| | | | | | Clear Annotated | | H/S Tempered | | Tinted Annotated | | Clear Annotated | | Outboard Tinted | | Inboard Tinted | | Tempered | | Standard | | Low E | | Plus Plus or E3 | | Clear/Clear/Clear | | Clear/Clear/Low E | | Tinted/Clear/Clear | | Tinted/Clear/Low E | | | |
| | | | | | 1/8" - 1/4" Mono | 1/8" - 1/4" Mono | 1/8" - 3/8" Mono | 1/8" - 1/4" Mono | 1/8" - 1/4" Mono | 1/8" - 1/4" Mono | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | 1/8" - 1/4" IG | | | |
| Reflective Max Silver | | | | | | | | | | | | | | | | | | | | | | | | | | | | Reflective Max Silver | | | | | | |
| Max Silver 20 DA | Silver | 19% | 53% | 34% | ✓ | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | ○ | ○ | × | ○ | × | × | × | × | × | × | × | × | × | Max Silver 20 DA | | |
| Max Silver 30 DA | Silver | 30% | 42% | 36% | ✓ | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | ○ | ○ | × | ○ | × | × | × | × | × | × | × | × | × | Max Silver 30 DA | | |
| Max Silver 40 DA | Silver | 44% | 29% | 37% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Max Silver 40 DA | | | |
| Max Solar Bronze | | | | | | | | | | | | | | | | | | | | | | | | | | | | Max Solar Bronze | | | | | | |
| Max Solar Bronze 20 DA | Bronze | 23% | 39% | 46% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | × | × | × | × | × | × | × | Max Solar Bronze 20 DA | | | |
| Max Solar Bronze 35 DA | Bronze | 35% | 29% | 45% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | × | × | × | × | × | × | × | Max Solar Bronze 35 DA | | | |
| Max Neutral | | | | | | | | | | | | | | | | | | | | | | | | | | | | Max Neutral | | | | | | |
| Max Neutral 20 DA | Gray | 19% | 26% | 56% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | × | × | × | × | × | × | × | × | × | × | × | × | Max Neutral 20 DA | | | |
| Max Neutral 35 DA | Gray | 35% | 16% | 52% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | × | × | × | × | × | × | × | × | Max Neutral 35 DA | | | |
| Max Neutral 55 DA | Gray | 58% | 8% | 37% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Max Neutral 55 DA | | | |
| Max Night Vista | | | | | | | | | | | | | | | | | | | | | | | | | | | | Max Night Vista | | | | | | |
| Max Night Vista 20 DA | Gray, Low Interior and Exterior Reflectance. | 24% | 14% | 57% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | × | ○ | × | × | × | × | × | × | × | × | × | × | Max Night Vista 20 DA | | | |
| Max Night Vista 35 DA | Gray, Low Interior and Exterior Reflectance. | 34% | 12.50% | 45.50% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | × | × | × | × | × | × | × | Max Night Vista 35 DA | | | |
| Max Dual Reflective | | | | | | | | | | | | | | | | | | | | | | | | | | | | Max Dual Reflective | | | | | | |
| Max Dual Reflective 5 DA | Night Neutral | 8% | 53% | 37% | ✓ | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | × | × | × | × | × | × | × | × | Max Dual Reflective 5 DA | | | |
| Max Dual Reflective 15 DA | Night Neutral | 14% | 47% | 39% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | × | × | ✓ | ✓ | × | × | × | × | × | × | × | × | × | × | × | × | × | × | Max Dual Reflective 15 DA | | | |
| Max Dual Reflective 25 DA | Night Neutral | 27% | 29% | 44% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | × | × | ✓ | ✓ | × | × | × | × | × | × | × | × | × | × | × | × | × | × | Max Dual Reflective 25 DA | | | |
| Max Dual Reflective 35 DA | Night Neutral | 38% | 14% | 44% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | × | × | ✓ | ✓ | × | × | × | × | × | × | × | × | × | × | × | × | × | × | Max Dual Reflective 35 DA | | | |
| Max Dual Reflective 45 DA | Night Neutral | 46% | 9% | 40% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Max Dual Reflective 45 DA | | | |
| Elite Max | | | | | | | | | | | | | | | | | | | | | | | | | | | | Elite Max | | | | | | |
| Elite Max 35 PS | Neutral Gray | 34% | 60% | 20% | ✓ | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | × | ○ | × | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | × | × | × | × | × | ○ | ○ | Elite Max 35 | | | | |
| Elite Max 50 PS | Neutral Gray | 51% | 54% | 22% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ○ | ○ | ○ | × | × | × | × | × | ○ | ○ | Elite Max 50 | | | | |
| Elite Max 70 PS | Neutral Gray | 69% | 31% | 19% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Elite Max 70 | | | |
| Graffiti Free | | | | | | | | | | | | | | | | | | | | | | | | | | | | Graffiti Free | | | | | | |
| TAG Max 6 Mil | 6 mil Graffiti | 87% | 9% | 10% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TAG Max 6 Mil | | | |
| TAG Max 4 Mil | 4 mil Graffiti | 90% | 9% | 7% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TAG Max 4 Mil | | | |
| Clear Safety | | | | | | | | | | | | | | | | | | | | | | | | | | | | Clear Safety | | | | | | |
| Safety Max Clear 4 Mil | Clear 4 mil single-ply | 89% | 8% | 9% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Safety Max Clear 4 Mil | | | |
| Safety Max Clear 7 Mil | Clear 7 mil Single-ply | 89% | 8% | 11% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Safety Max Clear 7 Mil | | | |
| Safety Max Clear 8 Mil | Clear 8 mil Multi-ply | 87% | 8% | 13% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Safety Max Clear 8 Mil | | | |
| Safety Max Clear 12 Mil | Clear 12 mil Multi-ply | 87% | 8% | 14% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Safety Max Clear 12 Mil | | | |
| 4 Mil Solar Safety | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 Mil Solar Safety | | | | | | |
| Solar Safety Max Silver 4 Mil 20 | Silver Safety | 18% | 53% | 34% | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | ○ | ○ | × | ○ | × | × | × | × | × | × | × | × | × | Solar Safety Max Silver 4 Mil 20 | | | |
| Solar Safety Max Silver 4 Mil 40 | Silver Safety | 44% | 28% | 38% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Solar Safety Max Silver 4 Mil 40 | | | |
| 8 Mil Solar Safety | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 Mil Solar Safety | | | | | | |
| Solar Safety Max Silver 8 Mil 20 | Silver Safety | 17% | 52% | 35% | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | ○ | ○ | × | ✓ | ✓ | ○ | ○ | ○ | × | ○ | × | × | × | × | × | × | × | × | × | Solar Safety Max Silver 8 Mil 15 | | | |
| Solar Safety Max Silver 8 Mil 40 | Silver Safety | 44% | 28% | 38% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Solar Safety Max Silver 8 Mil 35 | | | |
| Solar Safety Max Gray 8 Mil 35 | Neutral Gray Safety | 36% | 18% | 52% | ✓ | ✓ | ○ | ○ | ✓ | ✓ | ○ | × | × | ✓ | ✓ | ○ | × | × | × | × | × | × | × | × | × | × | × | × | × | × | Solar Safety Max Neutral 8 Mil 35 | | | |
| Solar Safety Max Gray 8 Mil 45 | Neutral Gray Safety | 44% | 16% | 47% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ○ | ✓ | ✓ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | × | × | × | × | × | × | × | × | Solar Safety Max Neutral 8 Mil 45 | | | |
| Exterior Max Series | | | | | | | | | | | | | | | | | | | | | | | | | | | | Exterior Max Series | | | | | | |
| Exterior Clear 7 Mil PS | Clear 7 Mil | 89% | 7% | 13% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Exterior Clear 7 Mil PS | | | |
| Exterior Solar Gray 20% 2 Mil PS | Solar Gray 20% | 18% | 30% | 52% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Exterior Solar Gray 20% 2 Mil PS | | | |
| Exterior Soft Bronze 20% 2 Mil PS | Soft Bronze 20% | 21% | 51% | 34% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Exterior Soft Bronze 20% 2 Mil PS | | | |
| Exterior Soft Bronze 35% 2 Mil PS | Soft Bronze 35% | 34% | 37% | 39% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Exterior Soft Bronze 35% 2 Mil PS | | | |
| Exterior Silver 20% 2 Mil PS | Silver 20% | 18% | 66% | 21% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Exterior Silver 20% 2 Mil PS | | | |
| Specialty Series | | | | | | | | | | | | | | | | | | | | | | | | | | | | Specialty Series | | | | | | |
| Clear Max 2 Mil | 2 mil UV blocking | 82% | 8% | 13% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | Clear Max 2 Mil | | | |
| White Frost Matte 2 Mil | White Matte | 68% | 16% | 18% | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | White Frost Matte 2 Mil | | | |
| Black Max 3 Mil | Blackout | 1% | 5% | 94% | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | Black Max 3 Mil | | | |
| White Max 2 Mil | Whiteout | 11% | 49% | 37% | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | × | White Max 2 Mil | | | |

Solar properties are typical values and should not be considered specifications. All solar measurements performed on 3mm glass.
 ✓ Recommended ○ Caution Recommended, Preapproval Required × Do Not Use Under Any Circumstances