












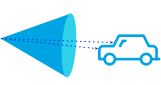
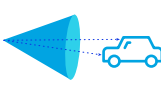




Why upgrade to 3M™ Diamond Grade™ DG³ Sheeting?

Brighter signs help to make safer roads. During the day, and especially at night, 3M Diamond Grade DG³ Reflective Sheeting can make a difference by making signage brighter and more visible, giving drivers more time to react. The chart below compares 3M™ Diamond Grade™ DG³ Sheeting To 3M™ High Intensity Prismatic and 3M™ Engineer Grade Prismatic sheetings.

Engineer Grade Prismatic meets ASTM D4956 Type I. This reflective sheeting features improved daytime whiteness compared to beaded engineer grade sheeting and is used for commercial and noncritical signage.

High Intensity Prismatic Sheeting meets ASTM D4956 Type IV. This reflective sheeting uses truncated cube technology and is often used for reflective traffic and road signs.

Diamond Grade DG³ Reflective Sheeting meets ASTM D4956 Type XI. This highly reflective sheeting uses 100% efficient full-cube prismatic technology that reflects almost twice the amount of light back to its source as High Intensity Prismatic sheeting.

	3M™ Engineer Grade Prismatic		3M™ High Intensity Prismatic		3M™ Diamond Grade™ DG ³	
Luminance		Lower luminance		Intermediate luminance		High luminance Returns nearly twice the amount of light as High Intensity Prismatic with 100% efficient full-cube technology
Specification and standards		Lower-level Microprismatic performance standards Meets ASTM D4956 Type I		Middle grade performance standards Meets ASTM D4956 Type IV		Highest performance standards Meets ASTM D4956 Type XI
Warranty		No warranty		10 year warranty		12 year warranty*
Sight distance		Performs best at short distances		Performs best at long distances		Ideal for all distances
Retroreflective efficiency		Lower Retroreflection performance for commercial and noncritical signage		Intermediate Retroreflection 32% Retroreflection efficiency		High Retroreflection 58% Retroreflection efficiency ideal for large and small vehicles
Retroreflective technology		Microprismatic retroreflective optics designed for reflective commercial and noncritical signs		Truncated cube technology Reflects more light than glass bead technology found in some engineer grade sheeting		Full cube technology Reflects nearly twice the amount of light as High Intensity Prismatic sheeting

*Warranty on fluorescent colors is up to 10 years and may vary by location. Check with your 3M representative for complete warranty information.