

3M

Scotchlite™
Diamond Grade™
Barricade Sheeting



Blazing the trail through construction work zones

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Diamond Grade barricade sheeting is designed for a variety of barricades and surfaces, providing long-lasting performance that reduces replacement costs.

Highway construction work zones are tough on motorists. Drivers must cope with traffic, noise and a variety of distractions while navigating through temporary traffic channels. And since work zones can be so difficult to get through, motorists deserve the best guidance they can get. They need traffic control devices that are at work around the clock, showing a clear channel of navigation even if they are dirty, misaligned or damaged.

Drive through any construction work zone and it very quickly becomes clear that traffic control devices lead a rough and tumbled life. Signs and barricades are frequently hit and often damaged, they get covered with dirt and grime, or perhaps they get knocked out of alignment. Any of these problems can make them hard to see and even harder to identify, and when multiple problems occur, visibility becomes an even bigger issue.

Work zone reflective sheeting must be tough to withstand these challenges. Reflective devices like signs and barricades must be bright enough to

provide easy recognition and guidance in all kinds of traffic, and they still must function even when they are dirty or if they get knocked out of alignment.

Now, 3M™ offers Scotchlite™ Diamond Grade™ Barricade Sheeting, a highly reflective material designed to stand up to the rigors of the construction work zone and deliver the ultimate in performance.

Performs in a harsh environment

Diamond Grade barricade sheeting adheres to a wide variety of the rigid and semi-flexible substrates commonly

used in construction sites, and is tough enough to withstand the rigors of work zone environments such as impacts, scratching and gouging. When this sheeting is subjected to direct impact or abrasion, it will not crack, delaminate or peel beyond the impact area. And it performs well in difficult weather conditions. It also stands up to rough handling during transport and storage. In addition, the sheeting is designed to resist corrosion, including the harsh effects of salt spray, acid rain and auto exhaust. These qualities minimize damage and result in longer barricade life, making Diamond Grade barricade sheeting the toughest performer on the job.

Increases visibility from every angle

Diamond Grade barricade sheeting is a prismatic, retroreflective material that is twice as bright than other high performance sheetings. And at wide viewing angles the sheeting maintains its performance advantage. The sheeting's superior reflectivity at wide angles makes all types of barricades clearly visible to drivers at night, even when barricades are misaligned.

Diamond Grade barricade sheeting can withstand the rigors of work zone environments: impact, rough handling, dirt, grime and bad weather.



BEST performer on the job



Diamond Grade barricade sheeting gives optimum color and unmatched brightness to increase visibility and improve driver response — at any hour.

Improved brightness and increased visibility give drivers more response time to navigate safely through work zones, and provide a margin of safety for both traffic safety engineers and motorists. And the high brightness can overpower a lot of dirt and grime that so often coats work zone devices.

Provides optimum color contrast

Diamond Grade barricade sheeting also provides a higher degree of whiteness than other high performance sheetings, providing a minimum of 40 cap Y. Optimum whiteness results in a better contrast ratio, which makes devices more noticeable, even in cluttered surroundings.

Gives lasting reflectivity and color

Diamond Grade barricade sheeting offers superior retention of both color and brightness. This sheeting can be expected to retain its color for

three years. It also maintains at least 50 percent of its initial specified brightness after three years of hard use. A contributing factor to these advantages is a top film that covers the color, even protecting it from many cleaning solvents.

Enduring brightness results in higher visibility and greater safety for drivers, and saves money in replacement costs. It truly provides a real “margin of safety.”



Stands up to the challenge

The growing popularity of this material is attributed to its outstanding performance. Long-lasting durability, unmatched brightness, better color, superior visibility — Diamond Grade barricade sheeting stands up to the tough challenges of construction work zones.

As a long-term leader in providing the most advanced reflective sheetings for traffic control devices, 3M can help you discover the most effective solution for your traffic control needs in construction work zones.

For more information on Scotchlite reflective sheetings, contact your 3M Traffic Control Materials representative or call 800-553-1380 (in Canada, call 800-265-1840).



Traffic Control Materials Division

3M Center, Building 225-5S-08
P.O. Box 33225
St. Paul, MN 55133-3225

3M Canada Inc.

P.O. Box 5757
London, Ontario N6A 4T1

3M Mexico, S.A. de C.V.

Apartado Postal 14-139
Mexico, D.F. 07070

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