



Specialised & Safety Products

3M 3200 Series Reflective Tape and Sheeting



3M 3200 Series Reflective Sheeting is an enclosed lens sheet with pressure sensitive adhesive on one side and an easy release liner for ease of application. It is commonly used in the production of non-critical traffic signs and pressure sensitive stickers. Series 3200 sheeting meets ASTM D4956 Type I standards and is available in a range of colours.

Specifications:

Coefficient of Retroreflection and Chromaticity:

Minimum coefficient of retroreflection, RA, cd/lx/m², per ASTM D4956 for Type I signing. Measurements according to ASTM E810.

Table with 8 columns: Observation Angle, Entrance Angle, White, Yellow, Red, Green, Blue, Brown. Rows show values for angles 0.2 and 0.5 at -4 and +30 degrees.

- a. Observation Angle - The angle between the illumination axis and the observation axis.
b. Entrance Angle - The angle from the illumination axis to the retroreflector axis. The retroreflector axis is an axis perpendicular to the retroreflective surface.

Colour specification limits and daytime luminance factor (Y%) data:

Daytime Luminance Factor (Y%)

Table with 11 columns: Colour, x, y, x, y, x, y, x, y, Min, Max. Rows list colours White, Yellow, Red, Blue, Green, Brown with their respective luminance factor ranges.

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Important
This information should not be treated as a substitute for specific technical advice. AG does not offer such advice and cannot warrant the performance or suitability of products for particular applications.



## 3M 3200 Series Reflective Tape and Sheeting

### Application:

For traffic sign use, the substrates found to be most suitable are appropriately prepared aluminum sheets and extrusions. Carefully evaluate adhesion and sign durability properties of all other materials. Other materials suitable for durable and secure applications of sheeting must have the following qualities:

- Clean and smooth
- Flat and rigid
- Dimensionally stable
- Weather resistant and non-porous
- High surface energy (pass water break test)

Substrates with low surface energies may need additional preparation steps, such as mechanical abrasion, flame treatment, or priming before application.

3200 Series Sheeting is designed primarily for application to flat substrates. Any application to a substrate with a radius of curvature of less than 127mm should also be supported by mechanical fasteners. Plastic materials are not recommended where cold shock performance is required. For more details on surface preparation and suitability, contact your nearest AG branch.

### Availability:

3M 3200 Series Reflective Sheeting is available in numerous widths and colours.

Sheeting should be stored in a cool, dry area, at a temperature between 18 - 24°C and a relative humidity of 30 - 50%, and be applied within two years of date of manufacture.



AG stock a large range of specialty tapes and sheeting as well as thermal insulation and specialised electrical products. For more information on these products and many more, please visit our website or call your nearest branch.

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