

## Tuf-Glas™

Impact-modified acrylic sheet

### Product Description

Tuf-Glas™ is designed as the premier clear rigid sheet for all types of sign applications. It combines exceptional impact strength, clarity and stiffness with outstanding formability and ease of fabrication. Tuf-Glas LD is a light diffusing sheet specifically formulated for LED backlighting. Its brilliant backlit light transmission and light diffusion virtually eliminates LED "hot spots".

### Value Solution

Tuf-Glas is almost seven times more resistant to impact than conventional cast or extruded general purpose acrylic sheet. This toughness creates durable, long-lasting sign parts. Tuf-Glas' versatility offers sign manufacturers a unique blend of clarity, impact strength and ease of fabrication. Tuf-Glas LD provides sign manufacturers with an excellent light-diffusing material to get rid of pesky LED "hot spots".

### Key Characteristics

The primary features and benefits of Tuf-Glas impact-modified acrylic sheet are:

Very high impact strength - Creates tough, durable parts; nearly 7 times more resistance than cast or general purpose extruded acrylic

UV-Resistance - Resistant to surface hazing, discoloration and other weathering effects

Ease of fabrication - Acrylic sheet specifically formulated with thermoforming for sign applications in mind

Great Depth of Image - Surface is aesthetically pleasing; recommended for aesthetic and paint replacement applications



## Markets and End-Use Applications

### Sign

For flat or thermoformed outdoor sign faces, channel letter faces, decorated substrates, and other backlit interior and exterior sign applications

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