



DS Acrylic

THE FUTURE OF ACRYLIC

Material tolerance and specifications

Acrylic sheets are a popular choice for many applications because of their strength, flexibility, and versatility. However, it is important to understand the thickness tolerance of acrylic sheets to ensure that your projects meet the required specifications.

This document outlines the thickness tolerance of acrylic sheets and guides you in selecting the appropriate material for your application.

What is the thickness tolerance of DS Acrylic sheets?

DS Acrylic sheets are manufactured according to **ISO 7823-1**.

The thickness tolerance formula is:

Thickness tolerance= $\pm(0.4 + 0.1 \times \text{sheet thickness})$

Factors influencing the material tolerance

The material tolerance of acrylic sheets can also be influenced by other factors, including:

- Manufacturing process
- Temperature
- Type of material