

ICE CUBE SEALING PROTOTYPING SHEETS



Designed to help with rapid prototyping and design changes, our engineered sealing sheets provide a versatile, cut-to-shape solution.

Resembling miniature ice cube trays, the sheets are available in a choice of two materials and a selection of thicknesses according application temperature.

Standard Ice Cube Sheets

35 FC-PO100

Material: Polyolefin Elastomer

Operational temperatures up to 120° C

External Size (mm)	Thickness (mm)
256 x 256	0.35
256 x 256	0.50
256 x 256	0.80

60 FC-FKM200

Material: FKM Elastomer

Operational temperatures up to 200° C

External Size (mm)	Internal Size (mm)	Thickness (mm)
240 x 130	35 x 35	0.50
240 x 130	35 x 35	0.80
300 x 200	240 x 140	0.50
300 x 200	240 x 140	0.80

Design Conditions:

- Thickness tolerance of sheet +/- 0.05 mm
- Recommended minimum seal width is 4.00 mm

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

www.fst.com

VALUES FOR THE CUSTOMER

Ice Cube sheets provide a versatile, cut-to-shape solution for rapid prototyping and design changes in fuel cells.

- Ideal for single cells or stacks
- No molding tool investment necessary
- Ability to compensate tolerances
- Fuel cell compatible elastomeric sealing materials
- Engineered profile seal beads optimized for low compression
- Non-standard Ice Cube sheet sizes and sheet cutting service available for custom designs. (Minimum quantities may apply)