



Product data

Kyrstalflex® KR-359

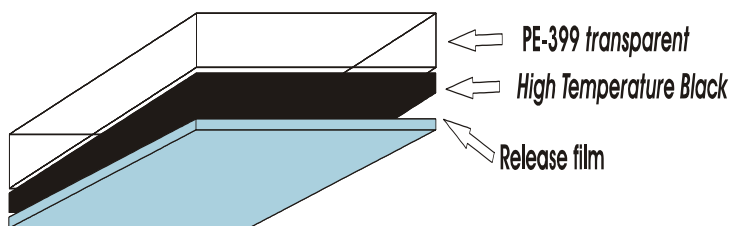
Kyrstalflex® KR-359 is a co-extruded, multi-layer EDGE SEAL BAND for glass and glass-plastic laminates.

Kyrstalflex® KR-359 is specially designed to prevent migration of the black layer into the laminate interface. The Black side of the band is a High Melt Temperature Polyurethane which remains intact during the melting and fusing of the Transparent side to the edge of the laminate.

Kyrstalflex® KR-359 provides shock protection to the edges of glass and glass - plastic composites, and guards against infiltration of moisture or solvents, plasticizers, etc from sealants and adhesives.

Kyrstalflex® KR-359 is designed for application during autoclaving of laminated glass and plastic composites.

Kyrstalflex® KR-359 consists of Two layers of polyurethane co-extruded to form an integral film. A polyethylene release film is applied to the **BLACK** side of the band

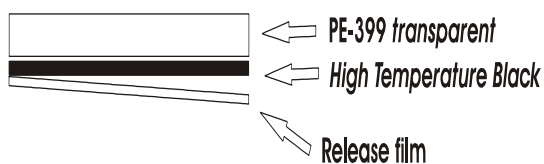


The product consists of
THREE layers:

**A. Clear PE-399 with
Grooved surface**

**B. High Temperature
black Polyurethane**

**C. Polyethylene release
film (Peelable)**



APPLICATION:

Application of KR-359 is simple.

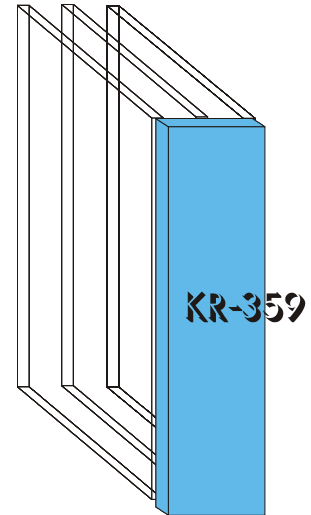
The band is applied with the “Grooved” surface against the glass or glass/Plastic edge of the composite.

This is the Clear, PE-399, and will adhere to the edge during autoclave. Note: The Grooved surface facilitates “de-airing”.

The band is affixed to the glass edge by means of tape to secure it in place during autoclaving.

The protective Release film is on the BLACK side of the band, and may be removed prior to autoclaving, or left in place.

If it is removed prior to autoclaving, a fine weave Nylon scrim can be used to cover the band. This will improve the appearance after autoclaving, and prevent adhesion of the band to vacuum bags or air-weave materials.



Physical Properties:

Polymer: Double layer of Polyurethane.

Clear layer: PE-399 transparent polyurethane containing silane for improved adhesion to glass and plastic.

Black Layer: High Melt Temperature Polyurethane: compounded black with pure carbon black. Contains no Masterbatch, foreign pigment binders, or plasticizers.

Physical Form: Co-Extruded double band.....With Polyethylene release film on Black Side.

Film Thickness: 1.4 mm total

Film Width 40 mm

Band Length 50 meters

Moisture Vapour Transmission rate: 10 - 20 grams/ sq meter/ 24 hrs.

Autoclave Temperature range: 95 - 140 °C