

# Saflex® DG 41

DATASHEET

Laminating glass interlayer (polyvinyl butyral)

## Product description

Saflex® DG structural interlayer is a tough, resilient film produced from plasticized polyvinyl butyral (PVB). It is designed specifically as an interlayer for applications where increased interlayer rigidity and high glass adhesion are required relative to standard glazing interlayers. Saflex® DG provides superior structural capacity versus standard PVB interlayers and is designed with ease of processing in mind.

## Performance features

- Remains intact by heavy weather conditions.
- Compatible with Saflex® and Vanceva colored interlayers.
- Due to the stiffness, glass can achieve the same load with thinner glass.
- Significantly more rigid as standard PVB.
- Saflex® DG 41 can be used in exposed edge applications.



Saflex® DG 41

## Application

- For protection against weather conditions (heat, moisture and hurricanes).
- For security against burglary and ballistic protection.
- For structural stability.

The technical data contained herein are guides to the use of Qdel laminating supplies products. The advice contained herein is based upon tests conducted by manufactures and historical knowledge; users should not rely upon this information absolutely as material performance can vary with processing conditions. Internal testing is always recommended.

Interlayer  
Interlayer decorative  
Interlayer active  
Vacuum bag  
Laminating supplies  
Laminating tools  
Spares

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## Product specifications

Glass type	Annealed, tempered, curved, etc. or with print.
Interlayer thickness	0.76mm
Interlayer width	1000 mm, 1200 mm, 1400 mm, 1600 mm, 1800 mm, 2000mm, 2250 mm, 2460 mm, 2600mm and 2800mm.
Interlayer length	250 mtr.
Interlayer color	Clear
Specific gravity	1.08 g/cm <sup>3</sup> .
Light transmittance	88 %.
Specific heat	2150 J/ °C.
Heat conductivity	0.205 W/mk.
Tensile strenght	330 Kg/cm <sup>2</sup> .
Elongation at failure	190%.
Yellowness Indes	0.3.
Refractive index	1.488

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## Storage & Handling

- Store inside the moisture barrier bag that the roll is shipped in.
- Store (once opened) in a ventilated environment between a temperature of 2 and 10°C and 30 % relative humidity.
- Or store interleaved seperated with a thin PE film.
- It is recommended that the the interlayer be used wihtin two years from purchase to minimize the chance of sticking to itself.

## Caution

- Handle this product according to your company's guidelines, health and safety regulations.

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