

*kuraray*

# **AUTOMOTIVE**

PVB FILM FOR  
LAMINATED SAFETY GLASS

PRODUCT INFORMATION

**TROSIFOL<sup>®</sup>**



# AUTOMOTIVE GLAZING. AT ITS BEST.

## YOUR PARTNER FOR AUTOMOTIVE GLAZING

### PROPERTIES

- High edge stability for excellent long life stability
- Moisture insensitive adhesion properties
- High pre-press transparency and excellent optics of final laminate due to improved flow behaviour
- Easy edge trim after autoclaving
- Low occurrence of odour after shaping of film sheets
- Very low level of electrostatic charge

TROSIFOL® offers a wide range of products and services for the use in automotive glazing applications that all comply to ISO/TS 16949, DIN EN ISO 9001:2008, DIN EN ISO 14001:2004 and OHSAS 18001:2007.

Windshields and side lights laminated with TROSIFOL® have excellent properties in respect of safety, security, long term stability, noise reduction and UV protection.

TROSIFOL® VG shows outstanding edge stability, good processing properties and excellent moisture resistance.

An innovative PVB film for automotive glazing: TROSIFOL® VG has been developed for all prevalent manufacturing processes and fulfils the requirements of all relevant quality standards, including ECE R 43 and ANSI Z26.1., and it is available in all standard colours and shade band combinations, either refrigerated or PE interleaved.

## TROSIFOL® VG

- Shade band film is available in widths up to 2050 mm, with a max. shade band width of 250 mm.
- TROSIFOL® VG clear is available in widths from 300 mm to 3210 mm.
- TROSIFOL® VG is designed and optimised for all major manufacturing processes.

Thickness [mm]	Colour	Light transmittance* [%]	Colour Code	Length of refrigerated roll [m]	Length of roll PE interleaved [m]
0.76	Clear	88	–	250/500	250
0.76	Light green	80	9.20.80	250	250
0.76	Light bronze	77	3.75.77	250	250
0.76	Light blue green	75	8.45.75	250	250
0.76	Colour band Green on clear	88	8.80.25.35	250	250
0.76	Colour band Blue on clear	88	7.80.05.19	250	250
0.76	Colour band Grey on clear	88	6.15.34.60	250	250
0.76	Colour band Dark grey on clear	88	6.15.18.30	250	250
0.76	Colour band Blue on light blue green	75	7.80.05.19 on 8.45.75	250	250
0.76	Colour band Green on light blue green	75	8.80.25.35 on 8.45.75	250	250

\* LSG with 2 x 2 mm clear glass

## TROSIFOL® PG 4015\*

The PVB film was especially designed for the manufacture of laminated safety glass with coated polyester films (e.g. Southwall® products). The film has an asymmetric surface structure in order to ensure excellent optical properties of the final product. It is available in clear or with colour band (on request), only in 0.38 mm film thickness.

\* TROSIFOL® PG 4015 has successfully passed reliability tests with Southwall®'s XIR75 G2 Automotive Film. Test results are available on request.

## TROSIFOL® PG

Thickness [mm]	Colour	Light transmittance* [%]	Colour Code	Shade band** [mm]	Length of refrigerated roll [m]	Length of roll PE interleaved [m]
0.38	Clear	88	–	–	300/470	300
0.38	Colour band (various) on clear**	88	Various	max. 250	300/470	300

\* LSG with 2 x 2 mm clear glass \*\* available on request



# LOGISTICS AND PACKAGING

TROSIFOL® products are heat-sealed in bags impervious to water and water vapour.

## DRUM PACKAGING – VERTICAL

Max. Width [mm]	Dimension [mm]	
	Diameter	Height
740	570	800
850	570	900



Drum packaging – vertical

## WOODEN PALLETS – VERTICAL (4 rolls per pallet)

Max. Width [mm]	Dimension [mm]		
	Length	Width	Height
700	1100	1100	750
800	1100	1100	850
950	1100	1100	1000
1120	1100	1100	1170
1250	1100	1100	1300



Wooden pallets – vertical

## RETURNABLE PACKAGING – HORIZONTAL

Max. Width [mm]	Dimension [mm]		
	Length	Width	Height
800	1020	595	805
1240	1420	595	805
1240	1420	780	985



Returnable packaging – horizontal

## ONE WAY PACKAGING – HORIZONTAL

Max. Width [mm]	Dimension [mm]		
	Length	Width	Height
1100	1180	600	740
1320	1420	600	740
1500	1600	595	740



One way packaging – horizontal

# TECHNICAL DATA

## TROSIFOL® VG

Product	Thickness [mm]	Water content [%]	Surface Roughness R <sub>z</sub> * [µm]
TROSIFOL® VG-FR	0.76	0.45	40

Further automotive products on request.

## TROSIFOL® PG

Product	Thickness [mm]	Water content [%]	Surface Roughness R <sub>z</sub> * [µm]
TROSIFOL® PG	0.38	0.45	40 (A Side) 15 (B Side)

All details are typical averages.

\* Values measured in accordance with EN ISO 4287



Picture by ISRA Visions, Germany

## CONTACT

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