



# Void silver TC

## Permanent

### Characteristics Label

Label material	Void silver TC permanent
Raw material	1904300
Adhesive bond	Rolls
Product	Silver, glossy, metallized top-coated polyester security film with chequerboard pattern.
Use	Designed for security applications such as product sealing and brand as well as bar code authentication.

### Typical technical values

Substance	71	g/m <sup>2</sup>	DIN 53352
Caliper	52	µm	DIN 53370
Tensile strength MD	200.0	N/mm <sup>2</sup>	DIN 53455

**Printability** Suitable for flexography, screen, letterpress and offset. Special inks designed for non-absorbent materials should be used. Thermal transfer is possible with selected ribbons.

**Advantages** High transparency on voided label face areas. Good dimensional stability. High tensile strength, tear strength and stiffness.

**Additional info** Testing is recommended for each face-adhesive combination in each end-use to ensure that the labels' security features function as required. Labels should be applied to substrates for a minimum of one day for the security features to be effective.

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### Characteristics Adhesive

Adhesive	Permanent
Type	Clear permanent adhesive.
Composition	Radiation-cured UV-Acrylic.
Use	Designed for universal labelling applications on polar and non-polar surfaces with very good temperature and chemical resistance properties.

### Typical technical values

Tack	20	N/25mm FTM 9	(on glass)
Peel 180°	23	N/25mm FTM 1	(on glass)
Labeling temp. min.	5	°C	
Service temp. min.	-40	°C	
Service temp. max.	200	°C	

**Approvals** The raw materials conform to FDA 21CFR 175.105 (indirect food contact). Accredited laboratory has given the adhesive approval for direct contact with dry and moist non-fatty foods. Please see individual DoC for further information.

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### Characteristics Glassine

Backing	HD 70
Product	A white transparent glassine backing paper.
Use	Designed for film label materials providing a firm base for the conversion process due to high density of the material.

### Typical technical values

Substance	60	g/m <sup>2</sup>	ISO 536
Caliper	53	µm	ISO 534
Tensile strength MD	6.6	kN/m	ISO 1924
Tensile strength CD	2.5	kN/m	ISO 1924
Transparency	50	%	DIN 53147

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**Shelf life** From date of manufacture: 12 months, under FINAT defined storage conditions (+20-25° C and RH 40-50 %). Prolonged storage at higher temperatures and/or humidity levels will shorten the shelf life.

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## Disclaimer

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This publication replaces all previous versions. All information is subject to change without notice.

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