

# Jac Safety

## Face Material

JAC® SAFETY 92560 - 60µm white matt cast PVC

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### White matt film for tamperproof labels

JAC® SAFETY is a special-purpose white matt film for tamperproof labels. Once applied, self-adhesive labels produced from this film cannot be removed in one single piece. Removal is possible only piece by piece on account of this film's extremely low tear resistance and tear propagation resistance.

JAC® SAFETY is used wherever removal and re-use of labels and stickers must be made impossible (e.g. revenue stamps, test certificates, quality seals, sealing labels etc.)

**Offset-printed:** with both purely oxidative drying and UV-curing inks, which are resistant to plasticizer / suitable for films

**Screen-printed:** with conventional (i.e. solvent-based) and UV-curing inks

Due to its negligible thickness and extreme sensitivity, this film is highly susceptible to solvent attack, especially in cases where the entire surface of the label is to be printed. Extreme care should therefore be taken when adding solvent to the printing inks. Ensure adequate ventilation during the drying process.

For print and application guidance please visit our website under "5.5 Application of JAC® films" and "5.6 Printing of JAC® films in Offset"

## Adhesive

### Solvent-based permanent acrylic

DURO PE 95 is a solvent-based permanent acrylic adhesive, specially developed for JAC® Safety. It displays high initial adhesion (tack) and very high final adhesion. This final adhesion far exceeds the tear resistance of the film.

It also displays very good ageing stability and light resistance.

## Silicone Paper

### Kraft paper 135g/m<sup>2</sup>

F 140 is a very sturdy, siliconized board – only available with JAC® SAFETY.

Characteristics	92560
Weight (g/m <sup>2</sup> )	135
Thickness (µm)	60
Tensile Strength ISO 1924/2 (N/mm <sup>2</sup> ) in MD/TD	1
Shelf life of laminate* (years)	2
Max. outdoor durability ** (years)	5

\* Refers to adhesion and printability when stored in original packaging in dark, dry conditions at a temperature of 22 °C ± 2 °C and a relative humidity of 50% ± 5%.

\*\*Under normal climatic conditions as prevailing in Central Europe

Characteristics	DURO PE95
Adhesion (FTM1) after 24h on Stainless Steel (N/25mm)	Film tears
Initial adhesion/tack on glass (FTM9) (N)	Film tears
Recommended minimum application temperature (°C)	>+10
Heat resistance* up to 24h (°C)	+50
Heat resistance* up to 1h (°C)	+110
Resistance to cold* (°C)	-40

\* Not fully resistant until adhesion reaches full strength-after at least 24 hrs. Heat resistance refers only to adhesive applied on steel. Quality of front material can be affected when exposed to higher temperatures.

Characteristics	F140
Weight (g/m <sup>2</sup> )	135
Thickness (µm)	127

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