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Technical data sheet

Silvertone ST Series

ST120 – Indium Silver

ST121 – Titanium Silver

ST122 – Graphite Silver

ST123 – Carbon Silver

PRODUCT DESCRIPTION:

A unique set of metallic silver effect films. 140mic single side rigid metallised polyester/pvc films, with a clear, permanent acrylic adhesive and a 140gsm PE coated Kraft release liner.

TYPICAL USES

Suitable for indoor use and up to 2 year external use. The films are all single sided, with the reverse side in silver. So not suitable for two way window graphics. Product is suitable for dry application only. Only for flat applications, product is dimensionally very stable, but not conformable.

SHELF LIFE

2 years when stored in original packaging at 21°C and 50% RH. Rolls must be stored on end to avoid pressure marks on film surface.

PHYSICAL PROPERTIES (Average Values)

Tests made at 23°C and 50%RH unless otherwise stated.

Film Thickness - 140 ± 5 microns

Adhesive - 30 ± 2 gsm

Liner Weight - 140gsm

UV Block (UVa) - N/A

Temperature Ranges -

Minimum Application Temp: plus 10°C
Service Range: minus 25° to plus 70°C

Peel Values - 20min: 5 - 7N/25mm
(ASTMD-903) 1 week: 13 - 15N/25mm

APPLICATION DATA

Product can be used indoor and selectively outdoor due to limited life. Care must be taken in handling and fitting the film. The high gloss surfaces are susceptible to scratching, so the use of gloves and velvet ribbon edged squeegees is advisable.

We advise test cutting if contour cutting graphics, the film is quite thick and will require a change in standard blade settings. Due to the polyester base film, blade wear will be high, ensure your cutter has a new or recent blade to ensure accurate clean cutting.