

Santex[®] 460



Product Profile

Coated PVC Range

Rev. 7 01/10

Product Description

Santex[®] 460 is a light to medium weight PVC coated polyester fabric, suitable for a range of matting, banner and light duty covering applications; it is supplied in bulk rolls.

Material

Base scrim: Polyester
Weave: Warp Knit
Construction: 7.1 x 7.1 yarns/cm
Yarn size: 500 denier
Coating: Poly Vinyl Chloride
Finish top side: Acrylic semi-gloss lacquer
Finish bottom side: Un-lacquered

Temperature range -30°C to +70°C

Features

- UV stabilised PVC for longer life
- Fungal inhibitor for improved mildew resistance as well as Flame retardant additive for specified applications
- Low sheen semi-gloss finish to reduce glare and slipperiness
- Receptive to most digital printing inks, however test printing is highly recommended
- Wide range of colours ex-stock.

Usage Instructions

Suitable for hot air, hot wedge and High Frequency welding. Do not use against flames, the fabric is flame retardant not flame proof. Contact with solvents and ketones may degrade the fabric.

Properties

Nominal Fabric Mass: 460 gsm
(AS 2001.2.13)
Nominal thickness: ~ 0.35 mm

Performance

Tensile Strength – Warp: 1424 N/50mm
Elongation at break: 26.2 %
Tensile Strength – Weft: 1160 N/50mm
Elongation at break: 26.9 %
(AS 4878.6 – method 1)
Wing Tear – Warp: 198 N
Wing Tear – Weft: 206 N
(AS 4878.7 – method A2)
Coating Adhesion: 59.6 – 62.7 N/50mm
(AS 4878.8 – preparation 2)
Bursting Strength: 2550 kPa
(AS 4878.5 – method B)
Flex cracking resistance: 250,000 cycles
(AS 4878.9 – method B)
Mildew resistance: No growth
(ASTM G-21-96)

Flammability

(AS 1530.2)
Flammability index (range 0-100): 11

AS 1530 Part 2 & 3 Certificates available on request

Provisional Specification

The above results are typical averages from quality assurance testing and are not to be taken as a minimum specification nor as forming any contract between GALE Pacific and another party. Due to continuous product improvement product specifications are subject to alteration without notice.

As the use and disposal of this product are beyond GALE Pacific's control, regardless of any assistance provided without charge, GALE Pacific assumes no obligation or liability for the suitability of its products in any specific end use application. It is the customer's responsibility to determine whether GALE Pacific's products are appropriate for the specific application and complies with any legal & patent regulations.

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