

Fabricon[®] TS



Product Profile

Structural Fabrics Range

Rev. 3 08/13

Product Description

Fabricon[®] TS is a high quality Polypropylene based polyfabric, which is coated twice on both sides and supplied in bulk rolls for a wide range of heavy duty industrial & agricultural tarpaulins, covers, curtains and membranes.

Fabricon[®] TS incorporates a Tear Stop weave pattern that improves the fabric's resistance to tearing.

Material

Base scrim:	UV stabilised PP
Construction:	8.0 x 8.0 yarns/cm
Yarn size:	1000 denier
Coating:	UV stabilised PP
Coating thickness:	110 µm
Finish top side:	White
Finish bottom side:	White
Temperature range:	-40°C to +70°C

Features

- 5 year UV warranty on fabric
- Tear stop weave pattern for improved tear resistance with black multi-filament scrim to reduce light transmission
- Dirt repellent PP coating
- Polypropylene coating applied using Gale's Advanced Coating Technology™ for superior resistance to flex cracking
- Ideal for tarpaulins, curtains and covers
- Environmentally friendly - PP fabric can be recycled.

Properties

Fabric Mass: (AS4878.3)	400 gsm + / - 10
Nominal thickness:	~ 0.55 mm

Performance

Tensile Strength – warp:	2675 N/50mm
Elongation at break – warp:	25.2 %
Tensile Strength – weft:	2254 N/50mm
Elongation at break – weft:	22.7 %
(AS4878.6 – Method 1)	
Wing Tear – warp:	415 N
Wing Tear – weft:	282 N
(AS4878.7 – Method A2)	
Burst Strength:	4950 kPa
(AS4878.5 – Method B)	
Hydrostatic Pressure:	>250 kPa
(AS2001.2.17)	
Flex Cracking Resistance:	400,000 + cycles
(AS4878.9 – Method B)	

Usage Instructions

Suitable for hot air and hot wedge welding.

Not suitable for high frequency welding.

Do not use against flames.

Contact with organic solvents, halogens or highly acidic substances may reduce the service life of the fabric and void the warranty.

Fabric is not guaranteed to be 100% block-out.

Suggested Specification

Fabric shall be Synthesis Fabricon[®] TS with a fabric mass of 400 gsm, constructed from a PP tear-stop base fabric with a PP coating on both sides.