

INDUSTRIAL FABRICS – SECTION ONE

REINFORCED PVC FABRICS



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Nolan.UDA

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PVC COATED FABRICS



The proTEX range of coated, reinforced PVC fabrics have been manufactured to meet the specifications of Australian Standard AS 2930-1987 "Textiles – Coated Fabrics for Tarpaulins". This standard was formulated by a committee comprising both manufacturer's representatives and fabricators having extensive experience in field performance, and makes recommendations for the selection criteria for 'heavy duty', 'medium duty' or 'light duty' applications. All Nolan.UDA reinforced PVC products are classified accordingly.

KEY PRODUCT FEATURES

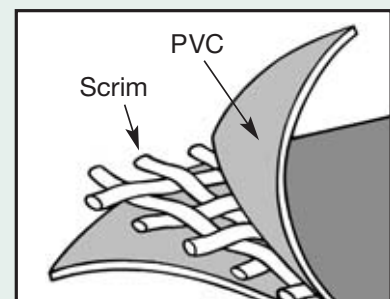


- ✓ *UV stabilised*
- ✓ *Tear resistant*
- ✓ *Mildew resistant*
- ✓ *High resistance to soiling*
- ✓ *Excellent welding properties*
- ✓ *Acrylic lacquered finish**
- ✓ *High tenacity polyester yarn*
- ✓ *Fire retardant**
- ✓ *Supported by the Nolan.UDA warranty*

**Not on all ranges, refer to product details.*

CONSUMER GUIDE

Reinforced PVC Fabric is a composite material, comprising a high tenacity polyester scrim, either coated or laminated with a PVC membrane. In the coating process, the PVC is spread over the scrim in a molten form; whereas in lamination it is adhered as a finished film. The outcome in both cases is a tough, durable and waterproof industrial strength fabric, suited for a wide range of outdoor applications such as transport tarpaulins, fixed covers and canopies, truck and trailer side curtains, banners and much more.



PRODUCT DETAILS



SIDE CURTAIN







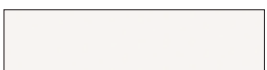
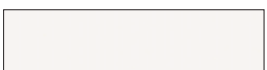
Side Curtain is a PVC coated fabric, utilising a high tenacity panama weave twisted polyester yarn, fire retardant additive and an acrylic coating on both surfaces which provides additional protection. It meets the 'heavy duty' requirements of AS 2930, and is suited for long distance road haulage, mercantile cargo, container covers, and tarpaulins.

Roll Sizes:

Widths: 300cm & 320cm Lengths: 30m & 58m

Physical Properties		Value	Units
Total Weight		900	g/m ²
Tensile Strength	Warp	4000	N/5cm
	Weft	3500	N/5cm
Tear Strength	Warp	600	N
	Weft	500	N
Coating Adhesion		100	N/5cm
Temperature Resistance		-30° to +70°	celsius
Fire Retardant AS 2755.2		Pass	-

Colours available:

Colour				
	Yellow	Grey	Green	Blue
Part #	300cm: 16 SID 300 YEL 320cm: 16 SID 320 YEL	300cm: 16 SID 300 GRY 320cm: 16 SID 320 GRY	300cm: 16 SID 300 GRE 320cm: 16 SID 320 GRE	300cm: 16 SID 300 BLU 320cm: 16 SID 320 BLU
Colour				
	Red	Black	White	Digital Print Formulation
Part #	300cm: 16 SID 300 RED 320cm: 16 SID 320 RED	300cm: 16 SID 300 BLA 320cm: 16 SID 320 BLA	300cm: 16 SID 300 WHI 320cm: 16 SID 320 WHI	320cm only 16 SID 320 WHI DP




Tarpaulin ETS

Tarpaulin ETS (Extra Tear Stop) is a premium quality, wide width tarpaulin fabric, utilising a high tenacity twisted polyester yarn, reinforced by periodic insertion of a heavier denier yarn in a tear stop weave which maximises tear resistance and tensile strength. It features a fire retardant additive, an acrylic coating on both surfaces and meets the 'heavy duty' requirements of AS 2930. ETS is suitable for a wide range of applications within the transport industry or where additional strength is required.

Roll Size: Width: 250cm Length: 30m

Physical Properties		Value	Units
Total Weight		680	g/m ²
Tensile Strength AS 4878.6	Warp	3300	N/5cm
	Weft	2900	N/5cm
Tear Strength AS 4878.7	Warp	400	N
	Weft	400	N
Coating Adhesion AS 4878.8		100	N/5cm
Temperature Resistance		-30° to +70°	celsius
Fire Retardant AS 2755.2		Pass	-

Colours available:

Colour				
	Blue	Green	Red	Yellow
Part #	16 ETS 250 BLU	16 ETS 250 GRE	16 ETS 250 RED	16 ETS 250 YEL
Colour				
	White	Dark Grey	Black	Maroon
Part #	16 ETS 250 WHI	16 ETS 250 DK GRY	16 ETS 250 BLA	16 ETS 250 MAR

PRODUCT DETAILS



Tarpaulin TS (Tear Stop) – Similar in composition to ETS, this PVC coated fabric has an acrylic top coat on the upper exposed surface. Its width is ideally suited to the more common applications, thereby minimising the potential wastage. Like ETS, it meets the ‘heavy duty’ requirements of AS 2930.

Roll Size:

Width: 205cm Length: 30m

Physical Properties		Value	Units
Total Weight		680	g/m ²
Tensile Strength AS 4878.6	Warp	3245	N/5cm
	Weft	2800	N/5cm
Tear Strength AS 4878.7	Warp	463	N
	Weft	398	N
Coating Adhesion AS 4878.8		100	N/5cm
Flex Cracking AS 4878.9		200,000	cycles
Temperature Resistance		-30° to +70°	celsius
Fire Retardant AS 2755.2		Pass	–

Colours available:

Colour					
	Ivory	Beige	Dark Green	Yellow	Red
Part #	16 TS 205 IVO	16 TS 205 BEI	16 TS 205 DK GRE	16 TS 205 YEL	16 TS 205 RED
Colour					
	White	Royal Blue	Grey	Dark Grey	Black
Part #	16 TS 205 WHI	16 TS 205 ROY	16 TS 205 GRY	16 TS 205 DK GRY	16 TS 205 BLA



Tarpaulin PT (Pro Tarp) – A lighter weight coated PVC fabric, with a durable matt finish to facilitate surface printing. It meets the ‘light duty’ requirements of AS 2930, and is suited for applications such as banners, gym mats, aprons, covers and pop-up shelters.

Roll Size:

Width: 205cm Length: 30m

Physical Properties		Value	Units
Total Weight		500	g/m ²
Tensile Strength AS 4878.6	Warp	1443	N/5cm
	Weft	1310	N/5cm
Tear Strength DIN53356	Warp	15	Kgf
	Weft	10	Kgf
Coating Adhesion		68	N/5cm
Flex Cracking		200,000	cycles
Temperature Resistance		-30° to +70°	celsius

Colours available:

Colour					
	Royal Blue	Red	White	Beige	Yellow
Part #	16 PT 205 ROY	16 PT 205 RED	16 PT 205 WHI	16 PT 205 BEI	16 PT 205 YEL
Colour					
	Green	Olive	Grey	Black	
Part #	16 PT 205 GRE	16 PT 205 OLI	16 PT 205 GRY	16 PT 205 BLA	

PRODUCT DETAILS



Tarpaulin GP (General Purpose) is a PVC coated fabric with a standard weave scrim providing a smooth surface. It has an acrylic coating on both sides which is an advantage by reducing the risk of soiling, particularly when the finished product is frequently erected and dismantled. It meets the 'heavy duty' requirements of AS 2930 and is suited for awnings, tents, covers and general purpose applications. GP contains a fire retardant additive for use on commercial dwellings.

Roll Sizes: Widths: 250cm & 320cm Length: 30m

Physical Properties		Value	Units
Total Weight		680	g/m ²
Tensile Strength	Warp	3000	N/5cm
	Weft	2800	N/5cm
Tear Strength	Warp	300	N
	Weft	300	N
Coating Adhesion		100	N/5cm
Temperature Resistance		-30° to +70°	celsius
Fire Retardant AS 2755.2		Pass	-

Colours available:

Colour				
	Cream	Grey	Blue	Black
Part #	250cm: 16 GP 250 CRE 320cm: 16 GP EXT 320 CRE	250cm: 16 GP 250 GRY 320cm: 16 GP EXT 320 GRY	250cm: 16 GP 250 BLU 320cm: 16 GP EXT 320 BLU	250cm: 16 GP 250 BLA 320cm: 16 GP EXT 320 BLA
Colour				
	White*	Green	Yellow	Red
Part #	250cm: 16 GP 250 WHI 320cm: 16 GP EXT 320 WHI	250cm: 16 GP 250 GRN 320cm: 16 GP EXT 320 GRN	250cm: 16 GP 250 YEL 320cm: 16 GP EXT 320 YEL	250cm: 16 GP 250 RED 320cm: 16 GP EXT 320 RED

*White also available in 250cm Block-out. Part # 16 GP 250 BO



Spanlite is a versatile fabric designed to meet the 'Medium Duty' performance specification of the Australian Standard AS 2930-1987 "Textiles-Coated for Tarpaulins". It is suited to a wide range of applications including tent floors, annex walls and general purpose covers.

Roll Size:

Width: 250cm Length: 50m

Physical Properties		Value	Units
Total Weight		550	g/m ²
Tensile Strength	Warp	2783	N/5cm
	Weft	2878	N/5cm
Tear Strength	Warp	437	N
	Weft	208	N
Coating Adhesion		100	N/5cm
Flex Cracking		400,000	cycles
Temperature Resistance		-30° to +70°	celsius

Colours available:

Colour				
	Sherwood Green	Beige	Olive	Dove Grey
Part #	16 SPL 250 SHE	16 SPL 250 BEI	16 SPL 250 OLI	16 SPL 250 DV GRY
Colour				
	White	Spectrum Blue	Black	
Part #	16 SPL 250 WHI	16 SPL 250 SP BLU	16 SPL 250 BLA	

PRODUCT DETAILS



Toughstuff – A well known proven performer, this brand of coated PVC, with a semi gloss finish, has high level Fire Retardant additives and meets the ‘medium duty’ requirements of AS 2930. It is suited for restaurant enclosures, marquee walls, awnings and general purpose covers. Toughstuff is finished with an acrylic lacquer on the top surface.

Roll Size:

Width: 205cm Length: 30m

Physical Properties		Value	Units
Total Weight		610	g/m ²
Tensile Strength AS 4878.6	Warp	2327	N/5cm
	Weft	2104	N/5cm
Tear Strength AS 4878.7	Warp	267	N
	Weft	157	N
Coating Adhesion AS 4878.8		97	N/5cm
Flex Cracking AS 4878.9		400,000	cycles
Temperature Resistance		-30° to +70°	celsius
Flammability			
Spread of Flame AS 1530.3		0	scale
Smoke Developed AS1530.3		6	1 to 10

Colours available:

Colour					
Part #	16 TOU 205 ORA	16 TOU 205 RED	16 TOU 205 YEL	16 TOU 205 SAN	16 TOU 205 BLA
Colour					
Part #	16 TOU 205 GRY	16 TOU 205 WHI	16 TOU 205 LT BLU	16 TOU 205 BLU	16 TOU 205 PUR
Colour					
Part #	16 TOU 205 PIN	16 TOU 205 EME	16 TOU 205 AQU	16 TOU 205 GRE	16 TOU 205 WHI2L

*White also available in Block-out. Part # 16 TOU 205 BO



CARE INSTRUCTIONS



In general, most soiling can be removed with warm soapy water and several clear water rinses. If necessary, a 1:10 dilution of household bleach containing 5.25% Sodium Hypochlorite will not harm the fabric. Moderate scrubbing with a medium bristle will help loosen the soiling agent from the depressions of embossed surfaces. Powdered abrasives, steel wool and industrial strength cleaners are not recommended, as they will dull the surface gloss. Dry cleaning fluids and lacquer solvents attack the surface, and should not be used.

LAMINATED PVC FABRICS



Herculite is indisputably the leading brand of PVC laminates in the world. The company was the original pioneer in the development of these types of products and today remains at the forefront of new product development.

The specifications for its products have been unilaterally adopted as benchmark standards by the US and Australian Military, the aerospace and nuclear industries, the medical fraternity, and the digital print industry – all applications where quality and performance are paramount. In Australia, Herculite products have been proven performers for nearly fifty years, and well over two million metres have been sold.

Herculite laminated fabrics are produced in a comprehensive range of styles, weights, colours and finishes. They are available in standard stock, as well as custom formulations that can be manufactured to a required specification.

KEY PRODUCT FEATURES



STANDARD PROPERTIES:



- ✓ *Fire Resistant*
- ✓ *Tear Resistant*
- ✓ *Impermeable*
- ✓ *Abrasion Resistant*
- ✓ *UV Stabilised*
- ✓ *Mildew Resistant*
- ✓ *Rot Resistant*
- ✓ *Supported by the Nolan.UDA warranty*



Specialist properties available:

- Electrically Conductive • Bacteria Resistant • Heat Reflective
- Self-deodorising • Military Specification • Antistatic
- Oil Resistant • Translucent • High Visibility

PRODUCT DESCRIPTION

 HERCULITE® HERCULITE 2000	Herculite 2000 is a medium weight, laminated reinforced PVC suitable for general industrial applications, and complies with Federal Aviation Flamability Standard (FAR 25.853)
 HERCULITE® HERCULITE 80	Herculite 80 is a heavy duty, laminated reinforced PVC with high technical specifications and tear strength. It complies with the stringent military specification MIL-C-3006 Type 1, Class 1.

Colours available:

Colour	 Red	 White	 Black	 Yellow
Part #	2000: 16 HER 2000 RED 80: 16 HER 80 RED	2000: 16 HER 2000 WHI 80: 16 HER 80 WHI	2000: 16 HER 2000 BLA 80: 16 HER 80 BLA	2000: 16 HER 2000 YEL 80: 16 HER 80 YEL
Colour	 Green	 Grey	 Royal Blue	 Fawn
Part #	2000: 16 HER 2000 GRE 80: 16 HER 80 GRE	2000: 16 HER 2000 GRY 80: 16 HER 80 GRY	2000: 16 HER 2000 ROY	2000: 16 HER 2000 FAW
Colour	 Olive Drab	 Navy Blue		
Part #	80: 16 HER 80 OLI	80: 16 HER 80 NAV		

SPECIFICATIONS

Product	HERCULITE 2000	HERCULITE 80
Weight (gsm)	610	655
Width (cm)	200	127
Roll Length (m)	22.9	45.8
Tensile Strength Test Method	AS 2001.2.3	ASTM D5034
Tensile Strength-Warp (N)	1455/50mm	550
Tensile Strength-Weft (N)	1207/50mm	545
Tear Strength Test Method	BS 3424.5	ASTM D2261
Tear Strength-Warp (N)	458	710
Tear Strength-Weft (N)	549	690
Flammability Test Method	ASTM D6413	AS 1530 part III
Flammability Results	After Flame (sec) 1.7 Char Length (cm) 8.4	Spread of Flame 0 Smoke Developed 7
Warranty	2 Years	2 Years