



**Bradmill Outdoor Fabrics**



**Bradmill Outdoor Fabrics Pty Ltd**

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**PRODUCT INFORMATION**

**23 037 152 DRIDEN® DURAPEL  
Heavy Weight Water Repellent Finished Garment Fabric**

**Features:** Densely constructed, dyed fabric base, with a durable water and oil repellent finish

**Finish:** DPL Fluorochemical water & oil repellent finish

**Colours:**

Royal	4114	Safety Yellow	1014*
Navy	4202	Safety Orange	7115*
Heritage Green	5033	Safety Red	3201
Black	6109		

\*Safety Yellow 1014 and Safety Orange 7115 comply with AS 1906.4 Section 2 (non-fluorescent colours) (ref: AWTA test reports 7-580049-MV & 7-579572-MV)

**Fibre content:** 100% Cotton

**Weave:** Plain

**Mass:** Finished 325 g/m<sup>2</sup> (9.6 oz/yd<sup>2</sup>) Nominal

**Width:** 152 cm Nominal

**Roll length:** 50 m

**Typical Performance:**

<b>Strength:</b>	Breaking Force (N) (AS2001.2.3A)	<b>Warp:</b>	1400	<b>Weft:</b>	1000
	Tearing Force (N) (AS2001.2.10)	<b>Warp:</b>	30	<b>Weft:</b>	20

**Water Resistance:**

Hydrostatic Pressure (kPa) 7.0  
(AS2001.2.17)

Cone Leakage (ml) 0  
(AS2001.2.18)

Spray Test* (AS2001.2.16)	Original	100
	After 5 machine-wash cycles:	100
	After 3 dry cleaning cycles:	80

\*ref: AWTA test report 7-562792-MV

**Shrinkage:**

**Relaxation Shrinkage\* (%) Warp:** -5.0 **Weft:** +/-0.5

\*The Relaxation Shrinkage test involves fully immersing test specimens in water & soaking for 24hrs followed by an ambient line dry. Results are calculated after 3 x 24hrs soak cycles. Relaxation Shrinkage results provide a good guide as to how the canvas will react to everyday use and are useful in determining the best way to cut and style products.

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**Typical Performance (continued):**

**Colour Fastness:**

Light Fastness (AS2001.4.21) Ranges from 5 to 7 depending on colour  
e.g. Navy 4202 = 5; and Yellow 1014 & Orange 7115 = 7

Rub Fastness (AS2001.4.3) **Dry:** 4 **Wet:** 4 Colours  
**Dry:** 4 **Wet:** 3 Black

**Formaldehyde Content**

Free and Hydrolised Formaldehyde\* Nil (minimum detection limit 37 ppm)  
(ISO 14184-1)

\*ref: AWTA test report 7-562576-MV

**Total Colour Difference (as compared to nominated standard):** CMC 2:1 DE <1.0

**End Use Recommendations:**

23 037 Driden® Durapel is designed for heavier weight water-resistant outwear garments. Its dense construction ensures an effective barrier against wind, rain and cold weather conditions.

Being 100% Cotton, this fabric breathes and thus provides wearer comfort not obtainable from coated or laminated synthetic materials when worn in active situations for extended periods.

Driden® Durapel fabric has a long lasting water and oil repellent finish. It is treated using a unique formulation of polymers that fix themselves to every fibre in the fabric during impregnation. The finish enables fabric to repel water, oil and stains more effectively and for longer periods than some other finishes available.

Durapel is a water-repellent finish rather than a waterproof finish.

**Fabrication Notes:**

The design of products should ensure that water is prevented from contacting zippers, binding tapes etc, which often contain residual wetting agents.

Failure to do so may result in the wetting agents being leached from these components into the fabric, leading to leakages.

**Care Instructions:**

Durapel fabric may be either dry cleaned using solvents\* specified for fluorochemical finished fabrics, or laundered a number of times without significantly reducing the water repellency.

\*Perchloroethylene/Tetrachloroethylene is an example of a dry cleaning solvent that is suitable for use on 23 037 Durapel

◇ Wash separately	◇ Medium hot iron (iron inside-out)
◇ Gentle Machine or Hand wash - warm (40°C)	◇ DO NOT tumble dry
◇ Use only pure mild soap	◇ DO NOT bleach
◇ Warm rinse in clean water	◇ DO NOT starch
◇ Normal spin	◇ Dry Cleanable

The Durapel finish will withstand a number of launderings or dry cleanings without significant deterioration of the finish. After this time, the fabric may need to be retreated with a suitable reproofing compound to maintain a high standard of water repellency. Bradmill Outdoor Fabrics' BrellaGuard® reproofing compound is recommended for this purpose.

The specifications contained herein are based on a typical production sample, and are accurate at the time of printing. Bradmill Outdoor Fabrics reserves the right to change the specification without notice. Colour may vary from batch to batch.

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