

# Welspring™ Reusable Isolation Gowns

Australian Register of Therapeutic Goods No. 334389



Characteristics	Tests	Results for New, Unused Gowns
<b>Product Safety</b>		
<b>Impact Penetration</b>	AATCC TM 42-2017	Level 3 performance
<b>Hydrostatic Resistance</b>	AATCC TM 127-2018	Level 3 performance
<b>US CPSIA Compliance</b>	16CFR1303	CPSIA compliant
<b>Flammability</b>	US CPSC 16 CFR Part 1610-2008	Class 1 Normal Flammability - CPSIA compliant
<b>Lead</b>	CPSC-CH-E1002-08.3	Not detected - CPSIA compliant
<b>Phthalates</b>	CPSC-CH-C1001-09.3	Not detected - CPSIA compliant
<b>Fabric Characteristics</b>		
Fabric Type and Weight	AS 2001.2.13-1987	Polyurethane laminated polyester, 137 g/m <sup>2</sup>
Adhesion Strength	ASTM D751-19 Section 50-53	Not applicable as the fabric cannot be stripped
Burst Strength	ISO 13938-1-1999	880 kPa ± 1.5% when dry 860 kPa ± 3.2% when wet
Tensile Strength	ASTM D5034-09 (Reapproved 2017)	Not applicable due to special construction of fabric
Tear Resistance	ASTM D5587-15 (Reapproved 2019)	Warp/length yarns torn 148 N Weft/width yarns torn 88 N
Thermal and Evaporative Resistance	ASTM F1868-17 Procedure Part C	Mean thermal resistance (Rcf) 0.0071 m <sup>2</sup> .K/W Mean apparent evap. resistance (RefA) 93.1 Pa.m <sup>2</sup> /W Total heat loss, Qt 249.6 w/m <sup>2</sup>
<b>Colourfastness</b>		
		Rating scale: <b>1</b> (very severe change) to <b>5</b> (no change)
Washing	AS 2001.4.15-2006	<b>4 - 5</b> in Wash Test G at 95°C for 260 minutes
Water	AS 2001.4.E01-2001 Multifibre DW	<b>4 - 5</b>
Perspiration	AS 2001.4.E04-2005	<b>4 - 5</b> in both acid and alkaline solutions
Rubbing	AS 2001.4.3.1995	<b>4 - 5</b> for both dry and wet, both length and width
<b>Laundry Stability</b>		
Laundering of Textile Fabrics and Garments - Cubex Method	AS 2001.5.5-1987 Procedure 3D	Shrinkage -0.5% in length and 0.0% in width Negative sign denotes shrinkage 70°C for 60 minutes in 10 L liquor, then hot tumble dry

Welspring Pty Ltd, 23 August 2021

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