

Medical Barriers

Level 3



High Performance Surgical Barrier Laminates for Reusable Gowns and Drape Systems

Stedair® TX L3

Stedair® medical liquid barriers specifically designed for protection against fluid penetration while remaining breathable to provide comfort for surgeons during long procedures.

TYPE 1 - 1.6 oz polyester tricot laminated to ePTFE film and to 1.1 polyester tricot.


Product Benefits

- Resistant to penetration of fluids
- *Wash durable - 75 wash sterilization cycles
- High breathability

SPECIFICATION	ANSI/AAMI PB70:2012	RESULTS
Specific Weight CAN/CGSB-4.2 No. 5.1		3.8 oz/yd ²
Tearing Strength ASTM D 5587		W: 30 N F: 20 N
Breaking Strength ASTM D 5034		W: 70 lbf F: 70 lbf
Water Vapour Transmission ASTM E 96 Method BW		2000 g/m ² /24 hrs
Water Resistance: Impact Penetration AATCC 42	≤ 1.0 g	PASS
Water Resistance: Hydrostatic Pressure AATCC 127	≥ 50 cm	PASS
Standard for the Flammability of Clothing Textiles – As received 16 CFR PART 1610 (1-1-19 Edition)	Behaviour: DNI Classification : 1	Behaviour: DNI Classification : 1
BIOCOMPATIBILITY INFORMATION		RESULT
Cytotoxicity ISO 10993-5		PASS
Sensitization ISO 10993-10 Article is classified as a non-sensitizer		PASS
Irritation or intracutaneous reactivity ISO 10993-10		PASS

WASHING RECOMMENDATIONS

- Verify all the equipment to be sure that there is no sharp object which could damage the fabric.
- Do not overload the equipment; 75-80% of the capacity is optimal.
- Temperature should not exceed 160°F (71°C) for washing operations.
- Do not iron.
- Do not use Sodium Hypochlorite (bleaching agent) as a disinfecting agent, use Hydrogen Peroxide (35%) in a concentration of 150 ppm, PH 10.5 maximum.
- High pressure extractor unit of type single stage plunger can damage fabrics made with Stedair® TX L3.
- Avoid excessive high temperature, or too much drying during the process. Make sure that you have an adequate cooling period and fold goods immediately after finishing drying to avoid wrinkling.
- Sterilization temperature should not exceed 270°F (132°C). It is highly recommended to implement a Quality Assurance program to ensure ongoing reliability in the performance of product containing Stedair® TX L3.

 By complying to manufacturers washing recommendations above, Stedair® TX L3 is expected to perform up to 75 wash/dry cycles.

WARNING

The information set forth herein reflects the performance of Stedair® TX L3 under controlled laboratory conditions.



Stedfast
ADVANCED BARRIER TECHNOLOGIES

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