

We keep you safe while you're saving others

BECAUSE WE CARE

StedAIR[®]

TITANIUM



Stedfast
ADVANCED BARRIER TECHNOLOGIES

StedAIR®

MOISTURE BARRIERS
BY STEDFAST

StedAIR®

TITANIUM

3 ply laminate comprised of a nylon woven shell, ePTFE bi-component membrane and polyester warp knit

Product Benefits

- Meets NFPA 1999
- Water resistant
- Excellent breathability
- Resistant to blood borne pathogens
- Resistant to viral penetration
- Meets ANSI 107-2004
- Optimal durability and abrasion resistant

Specification

Nylon woven fabric laminated to a ePTFE membrane

Water repellent AATCC 22	<ul style="list-style-type: none">· Initial· After 5 permanent press (46-52°C), tumble dry 80 min permanent press for 30 min AATCC 35-2000	100 min. 80 min.
Resistant to vapor diffusion CGSB/CAN4.2	<ul style="list-style-type: none">· Initial· After 5 washes (ISO 6330 method 2B-E)· After ageing (70°C, 95% RH, 168 hours)	13mm max 13mm max 13mm max
Hydrostatic resistant ASTM D751	<ul style="list-style-type: none">· Initial· After 5 washes (ISO 6330 met 2BE)	1240.5 kPa min 1240.5 kPa min
Low pressure water permeability AATCC 127	Method 26.3, 2 psi for 3 minutes, AATCC135 <ul style="list-style-type: none">· Initial· After cold flex warp and weft· 100 hours continuous wet flex	No leakage No leakage No leakage
High pressure water permeability AATCC 127	25 psi for 5 minutes <ul style="list-style-type: none">· Initial· After unleaded gasoline· After deet cream 30% min Conc.	No leakage No leakage No leakage
Abrasion resistance ASTM D3886-99		3000 cycles no failure
Biopenetration resistance ASTM F1671		PASS

Available in High Viz Yellow as well as reversible construction to High Viz Yellow

Seam Sealing

Stedair® Titanium offers outstanding water and liquid resistance.

Manufacturing garments will produce small holes in the fabric that will impact its protection. That's why the seams must be completely sealed. To ensure optimal protection, Stedfast offers to the manufacturer: expertise, seam tapes, support and seam taping equipment.



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