

BRIGADE® by DIFCO



100% Nomex®
STAY DRY PLUS®



BRIGADE® 625

For those inclement days when you need the surface Protection of water repellency on your Flame Resistant garments, Stay-Dry Plus® fabrics will cover you.

Difco's advanced fluorocarbon W/R formulation has been proven superior to standard finishes like Teflon, wash after wash.

You can rely on our quality!

Place swatch here
4.5" x 6"

Place swatch here
4.5" x 5"

Place swatch here
4.5" x 4"

Place swatch here
4.5" x 3"

Place swatch here
4.5" x 2"

DuPont™
Nomex

1800-668-4724

contactus@tencate.com

www.difcoperformance.com

IND

BRIGADE[®] by DIFCO

100% Nomex[®]



STAY DRY PLUS[®]



TECHNICAL SPECIFICATIONS

Rev:19031

NOMEX is a registered trademark of E.I. DuPont de Nemours and Company. DuPont Canada Inc. is a licensee.
BRIGADE is a registered trademark of TenCate Performance Fabrics.

TenCate Performance Fabrics cannot guarantee the suitability of its products for any particular purpose. Test results in respect of any particular item of product may vary. It's the sole responsibility of the user to perform all testing necessary to determine suitability of the product for user's applications.
TenCate Performance Fabrics disclaims all warranties, express or implied, including without limitation, any implied warranty of merchantability or fitness for a particular purpose.

Stay Dry Plus [®]		
Weight		
Fiber Content		
Weave		
Color		
Test	Method & Specification	
Flame Resistance initial		
Afterflame (sec)	ASTM D6413	max. 2 sec
Char length (mm)		max. 100 mm 4.0"
Melt / Drip		no melt, no drip
Thermal shrinkage resistance (%)	500°F/5 min.	max. 3%
Heat resistance		shall not melt, separate or ignite
Electric Arc Resistance Tested on Genesis [®]	ASTM F1959 ATPV cal/cm ²	no minimum
Thermal Protective Performance	TPP contact & with spacer	min. 6 cal/cm ² with spacer
Dimensional Stability 5 cycles	AATCC 135 1 - V - Ai	max. 5%
Tensile Strength - Grab	ASTM D5034 or Can/CGSB 4.2 9.2	*min. 623 N 140 lbf
Tear resistance - Trap	ASTM D5587 or Can/CGSB 4.2 12.2	*min. 100 N 22 lbf
Water repellency	AATCC 22	Rating Initial
		After 5 launderings

* minimum as per NFPA 1971-2007

UL component certified to:	NFPA 2112 ed. 2007
	CAN/CGSB 155.20 ed. 2000
	NFPA 1977 ed. 2005
	CAN/CGSB 155.22 ed. 1997
	NFPA 1975 ed. 2009
	NFPA 1951 ed. 2007
	NFPA 1971 ed.2007
Compliant to:	CGSB 155.1 ed.2001
	ASTM F1506 (NFPA 70E /CSA Z462)

Brigade [®] 625	
6.0 oz/yd ² 203 g/m ²	
100% Nomex [®] IIIA	
Plain Weave	
Performance	
Warp	Fill
0	0
85 mm 3.3"	75 mm 3.0"
complies	
< 2%	< 2%
complies	
5.1 (Level 1) HAF 58%	
Contact: 8.4	+ Spacer: 13.4
< 4%	< 2%
1000 N 225 lbf	690 N 155 lbf
245 N 55 lbf	110 N 25 lbf
100	
min. 90	

No
compliant not UL certified
No
compliant not UL certified
No
Yes
Yes
No
Yes

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