

BRIGADE® by DIFCO



100% Nomex®
STAY DRY PLUS®



BRIGADE® 725

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:190310

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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

Brigade [®] 725	
7.5 oz/yd ² 254 g/m ²	
100% Nomex [®] IIIA	
Plain Weave	
Performance	
Warp	Fill
0	0
75 mm 3.0"	80 mm 3.1"
complies	
< 2%	< 2%
complies	
7.7 (Level 1) HAF 67%	
Contact: 8.3	+ Spacer: 14.5
< 3%	< 2%
1100 N 247 lbf	1200 N 270 lbf
265 N 60 lbf	155 N 35 lbf
100	
min. 90	

* 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)

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

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