

100% Nomex® IIIA

STAY DRY PLUS



**BEST-IN-CLASS OUTER SHELL FABRICS WITH
STAY-DRY® PLUS WATER REPELLANT FINISH**

BRIGADE® 725

Stay Dry Plus™ is Difco's signature Water Repellent finish using an advanced fluorocarbon formulation. All Difco outershells are designed specifically to provide an initial line of defense against the heat and flames of a fire. They also offer exceptional strength and resistance to tears and abrasions.

Outershells made with Difco fabrics are designed using a variety of advanced FR fibers and in three distinct quality ratings: GOOD, BETTER and BEST to ensure you get the exact product to satisfy your requirements.

Features and Advantages:

- The first fabric developed for Fire Fighter outer shells
 - Economical protection with proven dependability
 - Good tolerance to thermal damage
 - Full color range
- Proven performance year after year

End-Uses:

- Structural Firefighting
- Urban Search & Rescue
- Emergency Response
- Wild Lands and Forest Fire Fighting

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"

BRIGADE[®] by DIFCO

100% Nomex[®] IIIA

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.

Brigade [®] 725		
Finish		
Stay Dry Plus [®]		
Weight		
7.5 oz/yd ² 254 g/m ²		
Fiber Content		
100% Nomex [®] IIIA		
Weave		
Plain Weave		
Colors		
Tests	NFPA 1971 2007ed. Outer Shell - Component Test Section & Requirements	
Flame Resistance initial	ASTM D6413	
Afterflame (sec)	8.2	max. 2 sec
Char length (mm)		max. 100 mm 4.0"
Observations		shall not melt or drip
After 5 washes	ASTM D6413	
Afterflame (sec)	8.2	max. 2 sec
Char length (mm)		max. 100 mm 4.0"
Observations		shall not melt or drip
Thermal shrinkage resistance (%) initial	8.6	max. 10%
After 5 washes		
Heat resistance initial & After 5 washes	8.6	shall not melt, separate or ignite / shall not char
Cleaning shrinkage resistance (%)	AATCC 135.1 - V - Ai 8.25	max. 5%
Tear resistance N initial	ASTM D5587	min. 100 N 22 lbf
Tear resistance N After 5 washes		8.12
Breaking strength (N) After 10 washes	ASTM D5034 8.50	min. 623 N 140 lbf
Water absorption resistance (%) initial & after 5 washes		8.26
Component Certified by UL for:	NFPA 1971 ed 07	yes
	CAN/CGSB 155.1	yes
	NFPA 1951 ed 07	no

DuPont[™]
Nomex.

1800-668-4724
contactus@tencate.com
www.difcoperformance.com

