INDUSTRIAL SAFETY





Premium Molten Metal Splash Protection

TenCate Oasis[™] is an innovative protective fabric that offers incredible softness, has a lightweight feel and is flexible. It is designed to deliver premium protection against molten metal splash, radiant heat, flame and other smelting hazards. An outstanding value and the best choice among thermal resistant, metal-shedding fabrics, it has been chosen by leading aluminum manufacturers, worldwide, for its protection, comfort and durability.

- Inherently flame-resistant Flame-resistant, metal shedding protection is built into the fabric, so it won't wash or wear out.
- **Comfortable to wear** Engineered with an innovative fiber blend, this fabric is designed for excellent softness and flexibility.
- **Outstanding value** Long-lasting protection withstands rugged use and repeated industrial launderings.

TenCate Oasis[™] delivers peace of mind when lives are on the line. *Nothing Beats a TenCate Protective Fabric.*

Navy Blue

FIBER BLEND: 50% Lenzing FR®, 40% Wool 10% Nylon WEIGHT (±5%): 7.5, 10.0, 12.0 oz (sq yd) WEAVE: Twill COLORS: Navy, Cool Blue, Chambray END USE: Shirts, Pants, Jackets, Coveralls



Navy
Chambray
Cool Blue

PHYSICAL PROPERTIES		0asis [™] 750	0asis [™] 1000	0asis [™] 1200
Weight (±5%)	oz (sq yd) grams (sq meter)	7.5 oz (sq yd) 254g (sq meter)	10.0 oz (sq yd) 339g (sq meter)	12.0 oz (sq yd) 407g (sq meter)
Fiber Blend		50% Lenzing FR® 40% Wool 10% Nylon	50% Lenzing FR® 40% Wool 10% Nylon	50% Lenzing FR® 40% Wool 10% Nylon
Weave		Twill	Twill	Twill
Color Availability (Other colors available upon request)		• •	•	•
Flame Resistance Char Length (inches [warp x fill]) After Flame (seconds [warp x fill])**	ASTM D 6413-99	< 5.0 < 2.0	< 5.0 < 2.0	< 5.0 < 2.0
Molten Metal Splash Resistance Molten Al Splash Molten Fe Splash	EN 373	Level D1 Level E2	Level D2 Level E3	Level D2 Level E3
Dimensional Stability (%) After 5 Launderings 120°F Permanent Press Cycle Tumble Dry, Low	AATCC 135	< 5.0	< 5.0	< 5.0
Pilling Resistance*	ASTM D 3512 30 minutes 60 minutes 90 minutes 120 minutes	5 4-5 4 4	5 5 4 4	5 4 5 4
Crocking* Wet Dry	AATCC 8	4 5	4-5 5	4 4-5
Colorfastness to Xenon Light* (20 hours)	AATCC 16	4-5	4-5	4-5

*Ratings: 5 - Best, 3 - Acceptable, 1 - Poor

**ASTM F1002 "Standard Performance Specification for Protective Clothing for Use by Workers Exposed to Specific Molten Substances and Related Thermal Hazards" specifies a maximum of 5 seconds after flame.



Nothing Beats a TenCate Protective Fabric

6501 Mall Blvd. • P.O. Box 289 Union City, GA 30291 Phone: 770.969.1000 • Fax: 770.969.6846 Toll Free: 800.241.8630 www.TenCateProtectiveFabrics.com Sunlight/UV Exposure Advisory: Prolonged sunlight and UV exposure can be damaging to aramid fibers. Both natural (undyed) and dyed aramid fibers will fade or change color with exposure to sunlight or other UV sources. The thermal performance is not affected, but long term or repeated exposures will cause the fabric to gradually weaken. Garments should be stored so that they are protected from sunlight, including windows and bay doors, to maximize wear life. TenCate Protective Fabrics offers no warranties, implied or otherwise, for color change or fabric damage due to UV exposure.

All listed test data and ranges represent typical values. All test data and ranges are the result of multiple tests unless otherwise stated. To the best of our knowledge, the information contained herein is accurate. However, TenCate Protective Fabrics assumes no liability whatsoever for the accuracy or completeness of the information contained herein. Users of any substance must satisfy themselves by independent investigation that the material can be used safely. We have described certain hazards, but we cannot guarantee that these are the only hazards.

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