



VTS5VSH3

Tecasafe® One 5.7 oz Class 3 Inherent Vented FR Shirt

CAT 2 Protection

Meets Arc Flash safety requirements in hazardous environments

Inherent FR Protection

Tecasafe® One fabric provides consistent defense against arc flash, thermal hazards, and flash fire

Lightweight & Cool

5.7 oz, moisture-wicking fabric with back ventilation reduces heat retention and fatigue

Durable Performance

Woven fabric resists wear, holds shape, and withstands repeated washing for lasting comfort and reliability

High-Visibility & Flexible

Segmented reflective striping enhances visibility while allowing full range of movement



TECASAFE® ONE

THE NEW ALTERNATIVE TO 88/12

Tecasafe® One brings ultra-breathable, inherently flame-resistant (IFR) performance to the greater world of industrial professionals. Built for comfort, our patent-pending design is engineered with soft, next-to-skin fibers on the interior of the fabric and tough, protective fibers on the outside of the fabric.



EXCEPTIONAL VALUE

At 5.7-ounces, this durable, inherently flame-resistant fabric offers premium benefits at a competitive price point.



ULTRA BREATHABLE

A lightweight, comfortable feel that's ~5x more breathable so wearers can stay cool and dry in harsh conditions.



WASH AFTER WASH

Tecasafe® One boasts outstanding color retention — even through heavy wear and industrial laundering.



made for life

Technical Data

FABRIC & MATERIAL	
PRODUCT MATERIAL	Tecasafe® One
MATERIAL COMPOSITION	51% Lyocell, 39% Modacrylic, 10% Aramid
FABRIC WEIGHT	5.7 oz
FABRIC TYPE	Woven
DESIGN & CONSTRUCTION	
CLOSURE TYPE	Buttons
COLLAR TYPE	Fold Down
CUFF TYPE	Button Cuff
SLEEVE TYPE	Long Sleeve
STRIPE COLOR	Silver
STRIPE WIDTH	2"
GENDER	Unisex
WASHABILITY	Machine Washable
POCKETS & STORAGE	
TOTAL POCKETS	3
POCKET DESCRIPTION	Right chest pocket, Left chest pocket with pencil slot

Compliance Data

ANSI 107 USE TYPE AND CLASS	Type R Class 3
ASTM STANDARD	ASTM F1506
ATPV RATING	8.2 Cal/cm2
NFPA STANDARD	NFPA 2112
NFPA STANDARD	NFPA 70E
NFPA 70E - HAZARD RISK CATEGORY	CAT 2

Part Info (* - Made To Order)

SIZE	FLUORESCENT YELLOW
S	VTS5VSH3FY-S
M	VTS5VSH3FY-M
L	VTS5VSH3FY-L
XL	VTS5VSH3FY-XL
2X	VTS5VSH3FY-2X
3X	VTS5VSH3FY-3X
4X	VTS5VSH3FY-4X
5X	VTS5VSH3FY-5X
6X	VTS5VSH3FY-6X

Application Data

Construction	Manufacturing
Mining	Transportation
Oil and Gas	Utilities



work hard. **stay safe.®**

www.radians.com | sales@radians.com | 877-723-4267 | 901-388-7776

This document and the information contained herein is the property of Radians and may not be used or reproduced without permission. Product users should conduct all appropriate testing or other evaluations to determine the suitability of Radians products for a particular purpose or use within a particular environment. Radians disclaims all warranties other than as expressly provided.

WARNING: Cancer and reproductive harm www.P65warnings.ca.gov



THE NEW ALTERNATIVE TO 88/12

Tecasafe® One brings ultra-breathable, inherently flame-resistant (IFR) performance to the greater world of industrial professionals. Built for comfort, our patent-pending design is engineered with soft, next-to-skin fibers on the interior of the fabric and tough, protective fibers on the outside of the fabric.



5X MORE BREATHABLE THAN 88/12

Tecasafe® One brings ultra-breathable, inherently flame-resistant (IFR) performance to the greater world of industrial professionals.



25% LIGHTER THAN 88/12

Tecasafe® One brings ultra-breathable, inherently flame-resistant (IFR) performance to the greater world of industrial professionals.



LASTS 2X LONGER THAN 88/12

Choose from a wide spectrum of colors — from denim navy to Hi-Vis yellow. Wash after wash, Tecasafe® One boasts outstanding color retention — even through heavy wear and industrial laundering.



EXCEPTIONAL VALUE

At 5.7-ounces, this durable, inherently flame-resistant fabric offers premium benefits at a competitive price point.



ULTRA BREATHABLE

A lightweight, comfortable feel that's ~5x more breathable so wearers can stay cool and dry in harsh conditions.



WASH AFTER WASH

Tecasafe® One boasts outstanding color retention — even through heavy wear and industrial laundering.

TECHNICAL DATA

Nominal Weight	5.7 oz (193 gsm)
Construction	Woven
Color Options	Denim Navy, Gray, Hi-Vis Yellow, Khaki, Light Blue, Light Gray, Orange, Red, Royal, Spruce, Yellow
Fiber Content	Modacrylic, Lyocell, Aramid
Certifications	ASTM 1506, NFPA 2112, NFPA 70E, ANSI 107, CAN/CGSB 155.20, NFPA 1977

CERTIFICATIONS

Protection from Flash Fire	NFPA 2112
Protective Clothing For Wildland Fire Fighting	NFPA 1977
Canadian Standard For Flame Resistance	CAN/CGSB 155.20
High-Visibility Safety Apparel	ANSI/ISEA 107
High-Visibility Safety Apparel	CSA Z96
Protection From Flame Resistance & Electrical Arc	PPE 2