
3M
Scotchlite™
Reflective Material
Let's shine on.
The future's looking brighter than ever, and we're here to help you shine.
Shine brighter at 3M.com/Scotchlite

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Changing to meet the challenges of today.

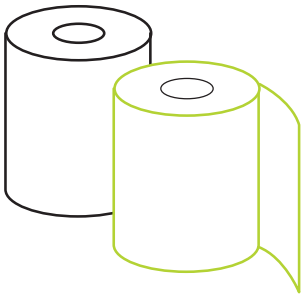
The world seems to be moving at an ever-increasing pace—it's why we've transformed nearly every aspect of our business. We've diversified and strengthened our raw material supply chain to help ensure reliable access to high-quality materials with fewer interruptions. We've made ambitious business investments and upgrades to more efficiently deliver world class products. And we've expanded our global manufacturing capabilities to increase capacity and reduce delivery times.

It's all part of our commitment to keeping pace with our changing world and providing you the trusted service and globally recognized 3M™ Scotchlite™ Reflective Material products you deserve.



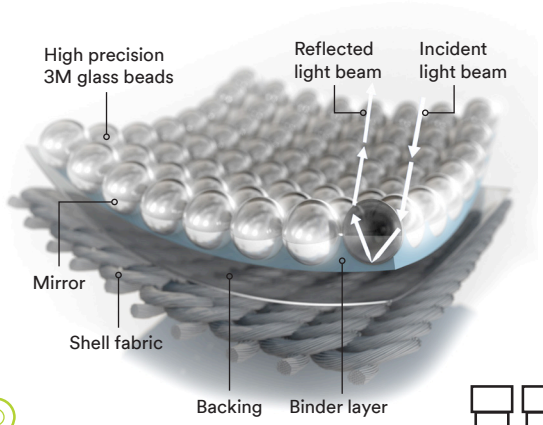
Raw Materials

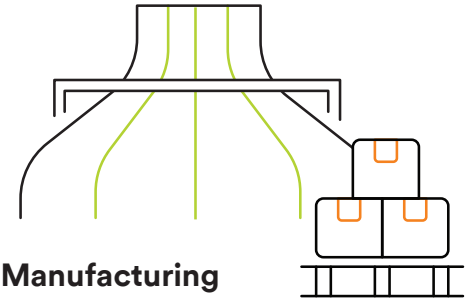
Diversification and strengthening of raw material supply chain for fewer interruptions.



Portfolio and Sustainability

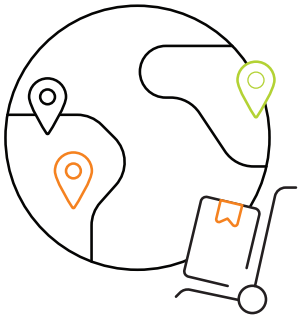
Optimized portfolio that focuses on the products most important to our customers.





Manufacturing

Expanding manufacturing sites around the globe for faster delivery and increased capacity where it is needed most.



Local Responsiveness

Addition of more converting capacity around the world to increase responsiveness and speed of delivery.



Investment

3M value stream investments and upgrades, further driving quality, innovation and service agility.

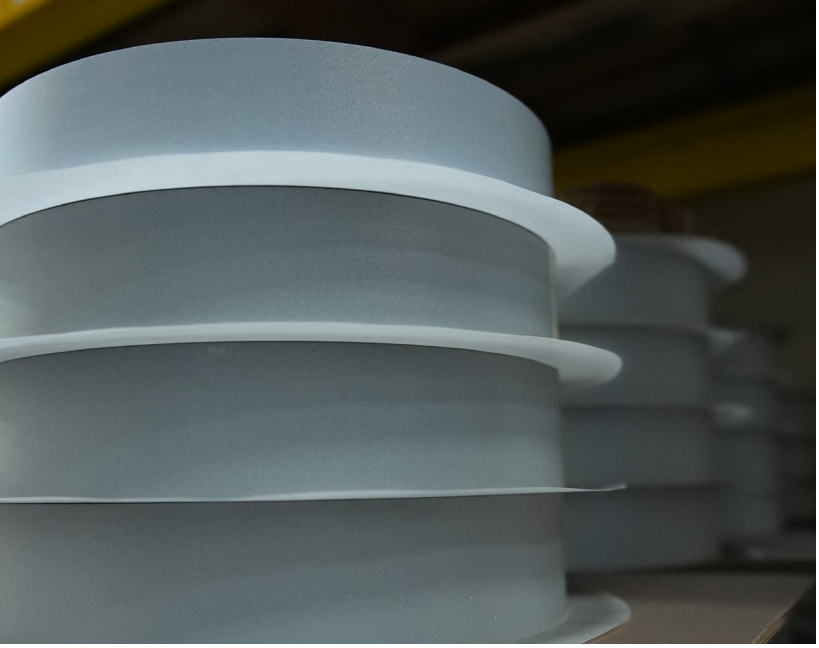


A new vision for our value stream.

To help eliminate manufacturing disruptions, we've diversified and strengthened our raw material supply chain. We accomplished this by qualifying multiple suppliers for our input materials and then worked with them to help improve their reliability and speed. These upgrades to our value stream help us efficiently deliver high-quality 3M™ Scotchlite™ Reflective Material products when and where you need them.

Meeting demand with more manufacturing.

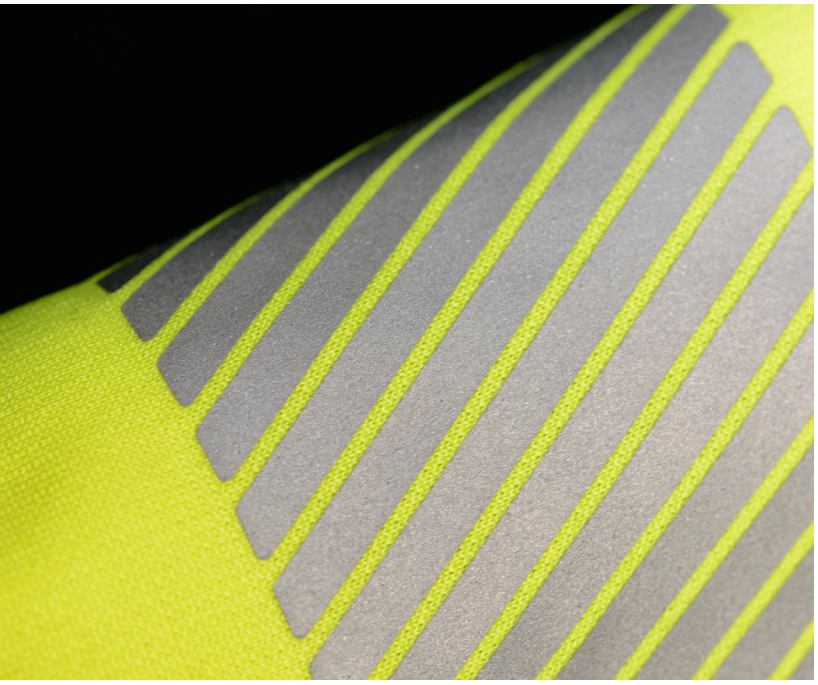
In response to increased market demand for our segmented comfort trim series, we've added converting capacity in key locations around the globe to increase capacity and responsiveness.



Shining a light on local.

By expanding manufacturing operations in the Asia-Pacific region for key silver fabric product lines, we're able to stabilize the speed and accuracy of deliveries, improve service and even increase the performance of two popular products—8906 and 8910.

This strategic improvement to operations means that areas where the demand for these products is the greatest will benefit from significantly faster transportation times.



Premium products. Premium performance.

Whether at work or at play, people can depend on 3M™ Scotchlite™ Reflective Material to provide high visibility day or night, rain or shine. From the proven durability of reflective trim for firefighters to the innovative reflective designs of recreational wear, our products provide the safety performance your customers are looking for.



A prioritized portfolio.

We've strategically optimized and streamlined our portfolio with a focus on prioritizing what products are most important to valuable customers like you. This change in operations means we're able to be more agile and adapt to market challenges and needs quickly.

Sustainability starts with saving lives.

Helping sustain human life is our work, and creating materials that help sustain life by making wearers more visible can be done using science to make products that are less impactful on the environment.

While we began our environmental and social efforts decades ago, our goals and ambitions grow and gain momentum as we recognize how much remains to be done to make the world more sustainable for future generations.



Making 100% renewable a reality.

In December 2021, the 3M™ Scotchlite™ Reflective Material manufacturing facility in Brownwood, Texas entered into a solar power purchasing agreement that made it **powered by**

100% renewable electricity.

By using ISO 50001 framework, 3M Brownwood improved its energy performance by more than 5% from 2020 to 2022. This led the U.S. Department of Energy to recognize the site for achieving ISO 50001 and Superior Energy Performance 50001 certifications.

The 3M™ Scotchlite™ Reflective Material manufacturing facility implemented technology controls that reduced water consumption by

over 7 million gallons

in 2023, with the goal of continued reductions each year.





Learn more about 3M Scotchlite recent activity in the new Partners In Sustainability online learning module.

Building trust with transparency.

Sustainability is an integral part of our organization. We strive not only to reduce our impact on the environment, but to be transparent about how well we are doing, and where we need to improve.

3M™ Scotchlite™ Reflective Material has recently launched its first Life Cycle Assessments for three premium products. Our goal is to subject all priority products to an LCA in future years.

Protective material for on-the-job or on-the-go.

3M is a pioneer in the development of reflective material technology and continues to be a worldwide leader in science-based research for bringing new products to market. No other reflective material brand provides more name recognition, established history of innovation or broader range of high performance products and support.





From fighting fires to working out, and everything in between, 3M™ Scotchlite™ Reflective Material delivers the performance and comfort people need in dangerous and low-light conditions.

Dedicated to protecting people for over 80 years.



While testing the world's first pavement marking on a Minnesota highway in 1938, MnDOT and the 3M team noticed some of the markings became delaminated from the roadway. One of those markings ended up attaching itself to a nearby fencepost—and the idea of reflective sheeting was born.

Since that dark night nearly 85 years ago, we've been brightening up the world with innovation after innovation to help keep people safe day and night.

1939



The birth of 3M™ Scotchlite™ Reflective Material

On September 1st, 1939, the first **traffic signs** with Scotchlite™ Reflective Material were erected on a highway in Minnesota.

A global brand synonymous with visibility was born.

1951



Technology breakthrough

3M™ Scotchlite™ Reflective Material on **clothing**

1974



First reflective materials with **high brightness** (>400 R_A)

1985



Fire coat trim with fluorescence and 500 R_A reflective material **withstanding 500°F (260°C) temperatures**



1992

Performance material for extremely harsh conditions and occupations, 9910 industrial wash invention



2016

Multi-function built in construction – rich color, high brightness Carbon Black Series

1986



Athletic footwear and apparel with 3M™ Scotchlite™ Reflective Material

2001



First triple trim with aramid fabric backing

2010



First **comfort trim** for better movement and moisture management

2019



First **flame resistant,** industrial wash reflective material to meet **100 cycles industrial wash** (ISO 15797, Table 4 - Procedure 2)

Firefighters have earned these stripes.

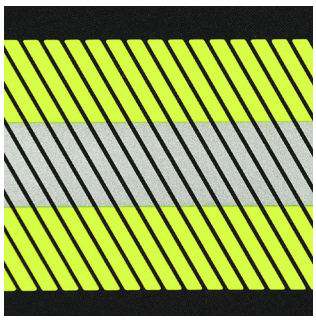
Firefighters around the world depend on the outstanding performance and long-lasting durability of our legendary trim to give them visibility and help them stay safe in dangerous environments.



Featured Product:

Series 5600 Fire Coat Comfort Trim

Series 5600 doesn't just give firefighters great visibility, it helps keep them dry by allowing perspiration vapor to escape, helping to keep them cool during grueling operations. Its stitch-free design provides flexibility and is available in multiple versions to meet global regulations.



Product Number:

5687



Product Number:

5637



Product Number:

5697

3M™ Scotchlite™ Reflective Material for Firefighter Turnout Gear

Product	Construction	60°C Home Wash	Certificates*
5686/5687	Comfort Trim	50	NFPA 1950 (1951, 1977), 1970 (1971), 2112
5637	Comfort Trim	30	ISO 20471 | ISO 11611, 11612, 14116 | ISO 15384 | EN 469
5697	Comfort Trim	50	ISO 20471 | ISO 11611, 11612, 14116 | ISO 15384 | EN 469 | AS/NZS 1906.4, AS/NZS 4602.2, AS/NZS 4824, AS 4967
9586/9587	Fabric	50	NFPA 1950 (1951, 1977), 1970 (1971), 2112 | AS/NZS 1906.4, AS/NZS 4602.2, AS/NZS 4824, AS 4967
9687	Fabric	50	ISO 20471 | ISO 11611, 11612, 14116 | EN 469 | NFPA 1970 (1971)
8986 NFPA/8987 NFPA	Fabric	0	NFPA 1950 (1951, 1977), 1970 (1971) | ISO 20471 (without pretreatment)



Workwear that can withstand industrial washing.

In today's world, garments need to withstand more demands than ever, including an increased number of wash cycles, higher temperatures and harsher washing conditions. To help you meet these demands we introduced the next generation of 3M™ Scotchlite™ Industrial Wash and Industrial Wash Flame Resistant reflective transfer films, which offer the strongest wash durability ever offered by 3M—increasing longevity, which may reduce the cost of ownership for specifier.

Featured Products:

A Winning Lineup

We offer a full high-performance industrial wash portfolio that delivers durability, high brightness, disinfectant washability, anti-static compatibility* and a variety of design options—all in a more sustainable design that's certified as OEKO-TEX® STANDARD 100.

Product Number:

5525
Industrial Wash Comfort Trim

Product Number:

9725
Industrial Wash Transfer Film

Product Number:

9925
Industrial Wash Fabric

Product Number:

5545
Industrial Wash Flame Resistant Comfort Trim

Product Number:

9745
Industrial Wash Flame Resistant Transfer Film

Product Number:

9945
Industrial Wash Flame Resistant Fabric

3M™ Scotchlite™ Reflective Material for Industrial Wash

Product	Construction	Flame Resistant	60°C Home Wash ISO 6330-6N	75°C Industrial Wash ISO 15797 4,2	OEKO-TEX® STANDARD 100 Hohenstein	Certificates*
5525	Comfort Trim	No	100	75	Class 1 18.HUS.51626	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
5535	Comfort Trim	Yes	65	25	—	ANSI 107 | NFPA 1950 (1951, 1977), 1970 (1971, 1975), 2112 | ISO 20471 | ISO 11611, 11612, 14116 | EN 469 | CSA Z96 | CGSB 155.22
5545	Comfort Trim	Yes	100	100	Class 1 18.HUS.51626	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4 | NFPA 1950 (1951, 1977), 1970 (1971, 1975), 2112 | ISO 11611, 11612, 14116 | EN 469 | CSA-Z96 | CGSB 155.22 | AS/NZS 4824, AS 4967
8735	Transfer Film	Yes	50	15	—	ANSI 107 | CSA Z96 | NFPA 1950 (1951, 1977), 1970 (1971, 1975), 2112 | ISO 11611, 11612, 14116 | EN 469
9725	Transfer Film	No	100	75	Class 1 18.HUS.51626	ANSI 107 | ISO 20471 | CSA Z96-15
9745	Transfer Film	Yes	100	100	Class 1 18.HUS.51626	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4 | NFPA 1950 (1951, 1977), 1970 (1971, 1975), 2112 | ISO 11611, 11612, 14116 | EN 469 | CGSB 155.22
9910	Fabric	No	100	30	Class 1 14.HUS.51172	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
9925	Fabric	No	100	75	Class 1 14.HUS.51172	ANSI 107 | ISO 20471 | CSA Z96-15
9945	Fabric	Yes	100	100	Class 2 22.HUS.41424	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4 | NFPA 1950 (1951, 1977), 1970 (1971), 2112 | ISO 11611, 11612, 14116 | EN 469 | CGSB 155.22 | AS/NZS 4824, AS 4967

*Can be used as an attachment to garments certified to EN 1149-5.



Workwear workers want to wear.

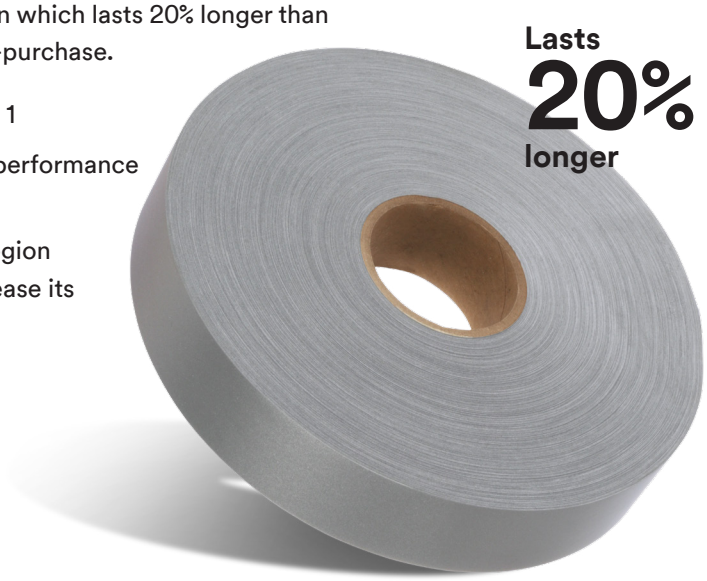
With reflectivity that can't be missed in critical situations, you and your crew can rely on 3M™ Scotchlite™ Reflective Material to help keep them safe. We're here to help you keep your workers safe and will work in partnership with you to understand the needs of your business and design solutions to address your unique safety challenges.

Featured Product:

8910 Silver Fabric

One of our most popular products, Series 8910 has recently been reformulated with an improved design which lasts 20% longer than the original, reducing the need for re-purchase.

- OEKO-TEX® STANDARD 100 Class 1
- Strong and durable retroreflective performance keeps wearers highly visible longer
- Manufactured in the Asia-Pacific region where it's most in-demand to decrease its environmental footprint



3M™ Scotchlite™ Reflective Material for Workwear

Product	Construction	60°C Home Wash	OEKO-TEX® STANDARD 100 Hohenstein	Certificates*
5510	Comfort Trim	75	Class 1 14.HUS.51175	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
8711	Transfer Film	25	Class 1 14.HUS.51175	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
8712	Transfer Film	25	Class 1 14.HUS.51175	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
8725	Transfer Film	50	Class 1 14.HUS.51175	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
8787	Transfer Film	0	—	ANSI 107 | ISO 20471 | CSA Z96
8906	Fabric	30	Class 1 14.HUS.51173	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
8910	Fabric	60	Class 1 14.HUS.51173	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4
8925	Fabric	75	Class 1 14.HUS.51173	ANSI 107 | ISO 20471 | CSA Z96
8932	Fabric	50	—	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4 | NFPA 1970 (1975), 2112 | ISO 11611, 11612, 14116 | EN 469 | AS 4967
8935	Fabric	50	—	ANSI 107 | ISO 20471 | CSA Z96 | AS/NZS 1906.4 | NFPA 1950 (1951, 1977), 1970 (1971, 1975), 2112 | ISO 11611, 11612, 14116 | EN 469 | AS/NZS 4824, AS 4967



Getting noticed in more ways than one.

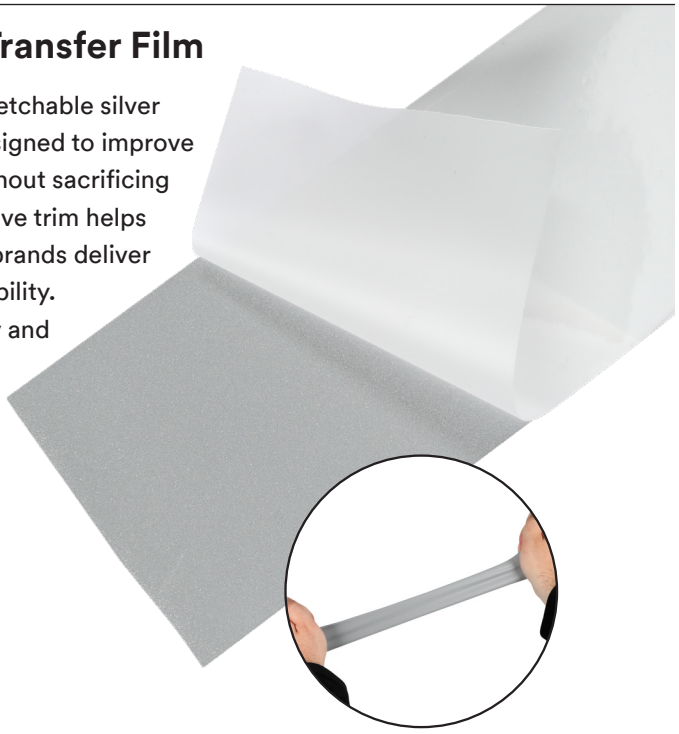
Safety is always in style, especially when you use the flexibility of 3M™ Scotchlite™ Reflective Material to make bold and exciting fashion statements with your protective activewear.

Along with our Authorized Converters, Scotchlite Reflective Material offers designers endless options to express their vision through trend as well as function. This helps increase the visibility of wearers as well as incorporating trend-relevant function into branded apparel, footwear and accessories.

Featured Products:

8712 S Stretch Transfer Film

Introducing 3M's first stretchable silver transfer film: 8712 S. Designed to improve comfort and mobility without sacrificing visibility, this new reflective trim helps activewear and uniform brands deliver both protection and flexibility. With enhanced durability and improved processability, 8712 S redefines what's possible for stretch reflective materials.



3M™ Scotchlite™ Reflective Material for Recreational Wear

Product	Construction	60°C Home Wash	OEKO-TEX® STANDARD 100 Hohenstein	Special Features
C725	Transfer film	25	—	Highly customizable, thin-feel
C750	Transfer film	50	—	Highly customizable, wash durable
5807	Custom-cuttable transfer film	50	Class 1 14.HUS.51175	Custom-cuttable, best for plotter-cutter converting
8712 S	Stretch Transfer Film	30	Class 1 25.HUS.89722	Stretchable, highly customizable
8712 NS	Stretch Transfer Film	30	Class 1 25.HUS.89722	Highly customizable



Let’s shine on together.

Our goal, as always, has been to help keep people around the world safe and provide the highest quality reflective material available to help you achieve your goals.

Because when you succeed, we all shine brighter.

See what we can do together at 3M.com/Scotchlite

High Visibility Standards and Certificates

- ANSI/ISEA 107-2020 – American National Standard for High-Visibility Safety Apparel
- ISO 20471:2013+A1:2016 – High-visibility warning clothing
- CSA Z96:2022 – High visibility safety apparel
- AS/NZS 1906.4:2023 – Retroreflective Materials and Devices for Road Traffic Control Purposes, Part 4: High Visibility Materials for Safety Garments
- AS 4602.2:2013 – High Visibility Safety Garments for Fire Service Personnel

Fire Fighting Standards and Certificates

- NFPA 1970 (1971, 1975) Standard on Protective Ensembles for Structural and Proximity Firefighting, Work Apparel, Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services, and Personal Alert Safety Systems (PASS) Edition-2025
- NFPA 1950 (1951, 1977) Standard on Personal Protective Equipment for Technical Rescue Incidents, Emergency Medical Operations and Wildland and Urban Interface Firefighting Edition-2025
- NPFA 1951 and 1977 are separate chapters within the 2025 edition of NFPA 1950
- NFPA 1971 and 1975 are separate chapters within the 2025 edition of NFPA 1970
- NFPA 2112-2023 – Standard on Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire
- CGSB 155.22 2014 (R2022) – Standard on Fireline Workwear for Wildland Firefighters
- ISO 11611:2015 – Protective clothing for use in welding and allied processes
- ISO 11612:2015 – Clothing to protect against heat and flame
- ISO 14116:2015 – Clothing to protect against heat and flame. Limited flame spread materials, material assemblies and clothing
- ISO 15384:2018/Amd 1:2021 – Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing
- EN 469:2020 Protective clothing for firefighters – Performance requirements for protective clothing for firefighting activities
- AS/NZS 4824:2021/Amd 1:2023 – Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland firefighting clothing
- AS 4967:2019 – Protective clothing for firefighters – Requirements and test methods for protective clothing used for structural firefighting

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*Our certifications generally are to the most current versions of official standards. As of the date of this publication January 2026, various 3M™ Scotchlite™ Reflective materials, depending on their intended applications, are certified to the listed standards above this paragraph. Contact your local 3M representative for information on regional and global certificates in addition to those listed.

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