

**Retroreflective Tape – Fire Service Ensembles  
Test Requirements – AUSTRALIA**

AS 4602.2:2013 – High visibility safety garments  
Part 2 – Garments for fire service personnel

*In addition to meeting the requirements of AS 4602.1, retroreflective tapes used in fire fighting ensembles must also comply with the requirements of AS/NZS 4824-2021 or AS 4967-2019.*



**AS/NZS 4824-2021**

**Wildland Fire Fighting Ensembles**

AWTA Code	AS/NZS 4824-2021, Clause	Description
T24U	5.6	Ageing washing pretreatment - nominal max cycles (50 wash/dry)
T24S_5	5.3	Washing pretreatment - 5 wash / dry <i>ISO 6330-2012 Program 6N, Drying Procedure F, 5 cycles</i>
T17GL	6.1.2	Limited Flame Spread - As received - SURFACE
T17GL	6.1.2	Limited Flame Spread – After pretreatment - SURFACE
T17GL	6.1.2	Limited Flame Spread - After Ageing washing - SURFACE
T17GL	6.1.3	Limited Flame Spread - As received - EDGE
T17GL	6.1.3	Limited Flame Spread - After pretreatment - EDGE
T17GL	6.1.3	Limited Flame Spread – After Ageing washing –EDGE
T23D	6.3	Heat Resistance 260°C
T23D	6.3.2	Heat Resistance Retroreflective Tape @ 260°C
T26H	6.3.2	CIL after Heat Resistance test @ 260°C
T28FH	6.3.2	Chromaticity after Heat Resistance test @ 180°C
P026	9.2	Retro/Fluoro tape performance as received (RF)
T26W	9.2	CIL performance after Ageing nominal max wash
T28F	9.2	Fluoro chromaticity & luminance after max wash

Delivery Address	Further information
AWTA Product Testing Level 1, 191 Racecourse Rd, Flemington VIC 3031, Australia	AWTA Product Testing Phone: (03) 9371 2400 Email: <a href="mailto:producttesting@awta.com.au">producttesting@awta.com.au</a>

**IMPORTANT NOTE:** That by submitting samples for testing **YOU AGREE** that the resulting testing shall be performed under our terms and conditions for testing and consulting services: [www.awtaproducttesting.com.au/index.php/about/terms-and-conditions](http://www.awtaproducttesting.com.au/index.php/about/terms-and-conditions)

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**AS 4967 - 2019**

**Structural Fire Fighting Ensembles**

AWTA Code	Specification AS 4967-2019	Description
T24S_5	Clause 4.1.3	Washing pretreatment <i>ISO 6330-2012 Program 4N, Drying Procedure F, 5 cycles</i>
T17GL	Clause 4.2.1.2	Limited Flame Spread – Face ignition after laundering
T17GL	Clause 4.2.1.3	Limited Flame Spread – Edge ignition after laundering
T23D	Clause 4.3.1	Heat resistance @ 260°C
T26H	Clause 4.12	CIL after Heat Resistance Test @ 260°C
T24U	Clause 4.12	Ageing washing pretreatment - nominal max cycles (50 wash/dry)
T26W	Clause 4.12	CIL after Ageing washing

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