

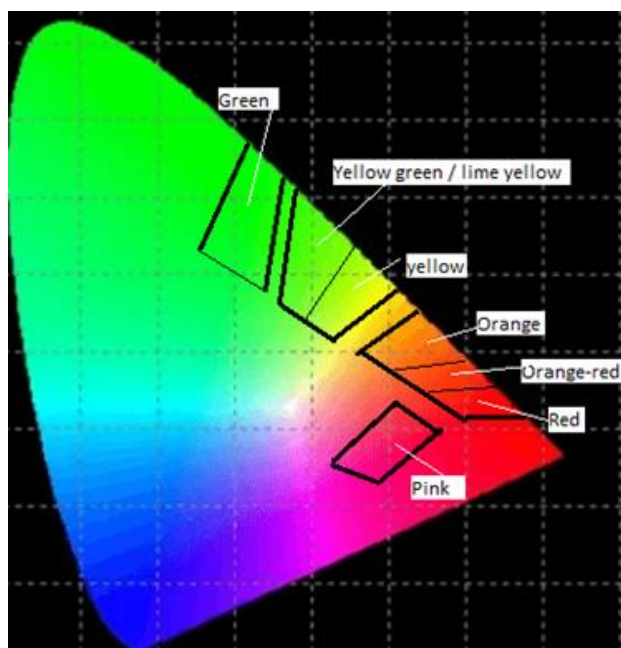
AS/NZS 1906.4-2023

High Visibility Materials for Safety Garments

High Daytime Visibility Materials

Garment fabric classifications

Class F	<i>Fluorescent material</i>
Class F(W)	<i>Fluorescent material (wet weather)</i>
Class NF	<i>Non-Fluorescent</i>
Class NF (W)	<i>Non-Fluorescent (wet weather)</i>



CIE 1931 colour space

Fluorescent and Non-Fluorescent Colour

GREEN and PINK have been added to the designated colour spaces.

- Green
- Yellow green / Lime Yellow
- Yellow
- Orange
- Orange Red
- Red

AS/NZS 1906.4-2023

Clause	Description	Test method	AWTA Code
2.3	Chromaticity and Luminance (Class F, RF)	AS/NZS 1906.4, App A	T28F
2.4	Chromaticity and Luminance (Class NF)	AS/NZS 1906., App A	T28F
2.5.1	Colourfastness after UV exposure (AS 2001.4.B02)	AS/NZS 1906.4, App A	T28FD
2.5.2	Colourfastness to washing	AS 2001.4.15, Test L2	T36
2.5.3	Colourfastness to acidic perspiration	AS 2001.4.E04	T51A
2.5.3	Colourfastness to alkaline perspiration	AS 2001.4.E04	T51B
2.6	Wet Weather Test	AS/NZS 1906.4, App A	T28F
2.7	Chromaticity and Luminance after extended washing	AS/NZS 19064, App A	T28W
	Washing pretreatment (nominal cycles)	ISO 6330, 6N(F)	

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High Visibility Materials for Safety Garments

Retroreflective tape classification

Class R
Retroreflective



Class SP
Separate performance



Class RF
Retroreflective/Fluorescent



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Clause	Description	Test method	AWTA Code
3.3	Photometric performance	AS/NZS 1906.1:2017, App A	T26A
3.4	Daytime Colour (Class SP, Class RF)	AS/NZS 1906.4, App A	T28F
3.5.2	CIL after UV exposure	AS/NZS 1906.4, App A	T26B
3.5.3	CIL after washing (5 wash/dry cycles)	AS/NZS 1906.4, Clause 3.5.3	T26C
3.5.4	CIL after abrasion	AS/NZS 1906.4, Clause 3.5.4	T26D
3.5.5	CIL after raised temperature	AS/NZS 1906.4, Clause 3.5.5	T26E
3.6	Flex cracking	AS/NZS 1906.4, Clause 3.6	T90D
3.7	Cold cracking	AS/NZS 1906.4, Clause 3.7	T90M
3.8	CIL under rainfall	AS/NZS 1906.4, Clause 3.8	T26F
3.9	Extended washing performance	AS/NZS 1906.4, Clause 3.5.3	T26C
	Washing pretreatment (nominal cycles)	ISO 6330, 6N(F)	

In addition to the requirements of Section 3, the fluorescent material in Class SP & Class RF tapes must also meet the following requirements of Section 2 for day time high-visibility materials.

AS/NZS 1906.4-2023

Clause	Description	Test method	AWTA Code
2.3	Chromaticity and Luminance (Class F, RF)	AS/NZS 1906.4, App A	T28F
2.5.1	Colourfastness after UV exposure (AS 2001.4.B02)	AS/NZS 1906.4, App A	T28FD
2.5.2	Colourfastness to washing	AS 2001.4.15, Test L2	T36
2.5.3	Colourfastness to acidic perspiration	AS 2001.4. E04	T51A
2.5.3	Colourfastness to alkaline perspiration	AS 2001.4. E04	T51B