STANDARDS EXPLAINED

GO/RT 3279 REPLACED WITH RIS-3279-TOM

GO/RT 3279 is the standard produced by The Railway Group for the minimum requirements for high visibility clothing, to ensure people are conspicuous when working on or near railway tracks. The standard tries to ensure that clothing worn by workers on or near railway tracks should conform to a single standard for the colour and luminance of background material, and should conform to a single standard for the photometric and physical performance of retro reflective material to aid conspicuousness in darkness or poor visibility.

Background material colour characteristics

The target colour of new background material shall be fluorescent orange with chromaticity and luminance defined as follows:

Colour	Chromaticity Coordinates		Minimum Luminance Factor βmin
	x	y	
Fluorescent Orange	0.588	0.371	0.4

GO/RT3279 Is based on the European standard BS EN ISO20471, it defines the minimum areas of high-visibility orange background materials to be used within a garment and the minimum level of photometric performance criteria for the reflective tape. The standard requires a reflective tape reading of ≥ 330 (cd/ lx.m2).

GO/RT3279 Imposes a higher concentration for high-visibility orange fabric for railway workers. This increases the conspicuous nature of the fabric and ensures the rail worker is more visible. A spectrophotometer is used to check the chromaticity (colour intensity) of the orange high-visibility fabric.

GO/RT 3279 Also specifies the requirements for a high-visibility mini-vest. Mini-vests conform to class 1 design under BS EN ISO 20471 and exceed the requirements for both the minimum area of the orange background material and retro- reflective tape in the garment.

All Future Garments products certified to GO/RT 3279 will meet the requirements of the new Rail Industry Standard (RIS-3279-TOM).

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