

INDUSTRIAL GRADE REFLECTIVE TAPE

Industrial Grade Reflective Tape is a weatherproof, self-adhesive retroreflective film that offers excellent resistance to corrosion and solvents. The retroreflective system of the Industrial Grade Reflective Tape is composed of catadioptric glass beads embedded in a transparent plastic layer.

TECHNICAL SPECIFICATIONS (TYPICAL VALUES)

COLOURS	GREEN/YELLOW	
	YELLOW	
	RED	
	WHITE	
MATERIAL	PVC film	
LINER	PE-Coated silicone paper	
THICKNESS	Without liner	90um (micron)
ADHESIVE	Solvent-based polyacrylate	
ADHESIVE POWER	24h @ FINAT-TMI	15 N/25mm
APPLICATION TEMPERATURE	≥ +10°C	
SERVICE LIFE	5 YEARS	
SHRINKAGE	65% RH @ 60°C	0.1mm/24 hours
TEMPERATURE RESISTANCE	-40°C to +82°C	

RETROREFLECTION DATA (R' IN CD/LX/M2)

RETROFLECTIVE COEFFICIENT	OBSERVATION ANGLE	0.2°
	ENTRANCE ANGLE	-4°
	DATA	≥ 290
CHROMATICITY PROPERTIES	LUMINANCE FACTOR	≥ 0.6
	COORDINATES	(0.387, 0.610)
		(0.369, 0.546)
		(0.428, 0.496)
(0.46, 0.540)		

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Eurotech/Rite Adhesives cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the tape suitability for their own applications.

APPLICATIONS

Industrial Grade Reflective Tape was specifically developed for the production of guidance signs in private car parks, construction sites and for increased visibility on vehicles and equipment where Class 1 certification is not required. Its intended use is for short term applications up to 5 years or longer in less exposed locations such as underground car parks. It is available in both strips and wider rolls. This tape is suitable for digital printing with solvent-based inks and can be used on cutting plotters, offering good adaptability even to uneven surfaces. When using Industrial Grade Reflective Tape, it is essential to comply with the specific national regulations.

WARRANTY AND GUARANTEE

Rite Adhesives warrants that its' product complies, within its service life, to its specifications.