

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)

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.