



ARLON

▶ R104

Reflective Conspicuity Tape for Rigid Surfaces

R104 is safety marking tape for trucks and trailers with rigid surfaces. It provides excellent reflectivity which enhances night time safety and it is designed for easy application and durability. With its clear high tack permanent adhesive, R104 is the perfect solution for various types of vehicles. The tape consists of micro-prisms with a clear poly liner and provides five years of field performance. R104 complies with the requirements of the ECE 104 Class C.

APPLICATIONS & FEATURES

- Certified for Regulation ECE 104 Class C.
- Easy and Quick to Apply.
- Durable and Impact Resistant ensuring Continual Compliance.
- Bright Colours Enhancing Visibility in Poor Weather Conditions.
- Excellent Long Range Visibility.
- Resistant to Industrial Cleaning Processes, including Power Washing.
- Featuring Prismatic Technology.
- Roll Size: 50m x 5cm.

PERFORMANCE & PHYSICAL DATA

PROPERTY	TEST METHODS	TYPICAL VALUE
GLOSS	ASTM D523 at 85°	100
THICKNESS	Micrometer, Federal Bench Type	405 - 445 microns
FLEXIBILITY	Wrap around 0.125" mandrel at 32°F (0°C)	Pass, No cracking
SHELF LIFE (IN BOX)	Free from excessive moisture, temperature, direct sunlight Preferably at 18°C -25 °C and 30% - 50% relative humidity	1 year from factory shipment
MIN. APPLICATION TEMPERATURE	On clean, dry substrate	60°F (32°C)
DIMENSIONAL STABILITY	ASTM D4956	Less than 1/8" change on 9x9" panel
ADHESION	90° Hanging Weight, ASTM D4956	Less than 2" movement
PEEL ADHESION	12 inch/minute, 180° peel angle, on degreased aluminium	0.94 kg/cm

**Standard Terms & Conditions Apply*

RETROREFLECTIVE PERFORMANCE

The values in Table B are minimum coefficients of retroreflection expressed in candelas per m² per lux (cd.m⁻².lx⁻¹). Minimum values for the Coefficient of Retro-reflection R' (cd.m⁻².lx⁻¹):

COLOR	OBSERVATION ANGLES (α)	ENTRANCE ANGLES (β_2)	R'
WHITE	0.33° (20')	5°	450
		30°	200
		40°	90
		60°	16
YELLOW	0.33° (20')	5°	300
		30°	130
		40°	75
		60°	10
RED	0.33° (20')	5°	120
		20°	60
		30°	30
		40°	10

STORAGE AND MAINTENANCE

Regular cleaning is recommended for maximum performance. The following cleaning methods are recommended.

- 1) Wash with sponge, cloth or soft brush using water and detergent.
- 2) Automatic truck/car wash or standard high- pressure hand spray:
 - Maximum Pressure : 1200 psi
 - Maximum wash temperature : 140°F (60°C)
 - Water jets must be a minimum of 12" from the R104 Conspicuity Tape
 - Spray water jets at no greater angle than 45° from the surface

Store in a cool and dry area, preferably at 18°C to 25°C and 30% to 50% relative humidity and use within 1 year after date of receipt. Store rolls in their original shipping cartons. Partially used rolls should be returned to their shipping carton.

TERMS & CONDITIONS

The following is made in lieu of all warranties expressed or implied:

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