

TECHNICAL DATA SHEET



Safety seal – Repair Strings

Replacement repair strings for passenger car and light truck tire repair

Product Code: RA-G

PRODUCT DESCRIPTION

Safety seal repair strings provide a simple, fast and durable solution for repairing tire punctures. Impregnated with an active compound, the self-vulcanizing repair strings cold-bond with the tire rubber after insertion, ensuring a strong and airtight repair.

Safety seal repair strings are supplied in repair kits and are also available separately as replacement products.



APPLICATION

- **For professional use only**
- Compatible with standard passenger car and light truck tires
- Suitable for punctures up to 6 mm (1/4 in)
- Designed for punctures located in the tread area only

FEATURES / BENEFITS

- Reinforced with 24 plies of high-strength nylon thread, featuring a 250% rubber-to-thread ratio
- Cold-vulcanized for optimal adhesion and excellent resistance to deformation and chemicals
- Individually coated to ensure complete and uniform saturation
- Superior elasticity, maintaining original shape after stretching or compression
- Excellent high-temperature stability, with no softening or premature degradation
- Increased resistance to solvents, with limited swelling when exposed
- Excellent abrasion resistance, reducing wear caused by friction
- Direct installation without tire removal, reducing service time
- No grinding required, preserving the integrity of the tire inner liner



PRODUCT INFORMATION

Packaging

Cardboard box containing 60 replacement repair strings
Repair strings measure 10 cm (4 in) in length

Also available in cases of 54 boxes.

Storage Conditions	Store in a clean, dry location protected from moisture and from direct or reflected sunlight. Do not store in contact with oils, solvents or corrosive liquids. Keep below 38 °C (100 °F). If stored below 0 °C (32 °F), repair strings may harden and must be warmed before use.
Shelf Life	Between 6 and 8 years, depending on storage conditions and handling after opening.
Appearance / Color	Solid, rubber-based / Brownish
Melting Point / Freezing Point	204.4 °C (> 400 °F)
Weight	0.2 kg (0.48 lb)
Box Dimensions – L × W × H	11 × 7.5 × 7 cm (4.33 × 2.95 × 2.75 in)

INSTRUCTIONS FOR USE

Safety seal repair strings are included in our repair kits. Installation guides detail and illustrate each step of the repair process. Users must carefully read and follow the applicable instructions available on our website: <http://martinsindustries.com>



ENVIRONMENT, HEALTH AND SAFETY

Users must read the most recent applicable **Safety Data Sheet (SDS)** before using any product. The SDS provides information and recommendations regarding personal protective equipment (PPE), handling, storage and safe disposal of chemical products. It also includes physical, ecological and toxicological data and other safety-related information. The most recent SDS is available upon request or directly on the product page of our website: <http://martinsindustries.com>



LOCAL RESTRICTIONS

Please note that due to specific local regulations, the declared data for this product may vary from country to country. Users must ensure that product use complies with applicable local, provincial/state and federal regulations.

LEGAL INFORMATION

The information contained in this document is provided in good faith based on Martins Industries' current knowledge and experience with the product when properly stored, handled and applied under normal conditions in accordance with Martins Industries' recommendations. Users should always refer to the most recent local version of the relevant product technical data sheet available on our website at www.martinsindustries.com.

GSPR TABLE – SAFETY SEAL REPAIR PLUGS

GSPR REQUIREMENT (ANNEX I)	ASSESSMENT / RELEVANT CHARACTERISTICS	IDENTIFIED RISKS	RISK CONTROL MEASURES	COMPLIANCE
1. General product safety	Tire repair plugs designed to seal tread punctures.	Improper installation may result in air pressure loss.	Use only with Safety seal repair kits and according to official installation guides.	✓
2. Chemical, physical and biological characteristics	Rubber-based product, lead-free. Not classified as CMR.	Skin contact during handling.	Safety measures described in the SDS (gloves recommended).	✓
3. Expected performance	Cold vulcanization ensures optimal adhesion.	Adhesion failure if installation is incorrect.	Detailed instructions provided via installation guide.	✓
4. Protection against risks related to use	Product designed for punctures up to 6 mm in the tread area.	Improper use (outside tread area).	Use limitations clearly stated.	✓
5. Handling and storage risks.	Rigid box, room-temperature storage.	Product degradation if exposed to excessive heat or moisture.	Storage conditions specified in the technical data sheet.	✓
6. Environmental protection	Primarily rubber-based materials, no heavy metals.	Waste to be disposed of according to local regulations.	Disposal instructions provided in the SDS.	✓
7. Compatibility	Compatible with standard passenger car and light truck tires.	Risk if used on incompatible tires.	Application scope clearly defined.	✓
8. Information provided	Technical data sheet, SDS and multilingual guides available.	Risk of misuse without adequate information.	Documentation accessible via QR code and website.	✓
9. Traceability and documentation	Product identified by code and batch number. Full traceability ensured through manufacturer identification and EU subsidiary (Martins Industries B.V.).	Limited risk of traceability loss in case of incident.	Manufacturer / EU subsidiary contact details included in technical documentation.	✓

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