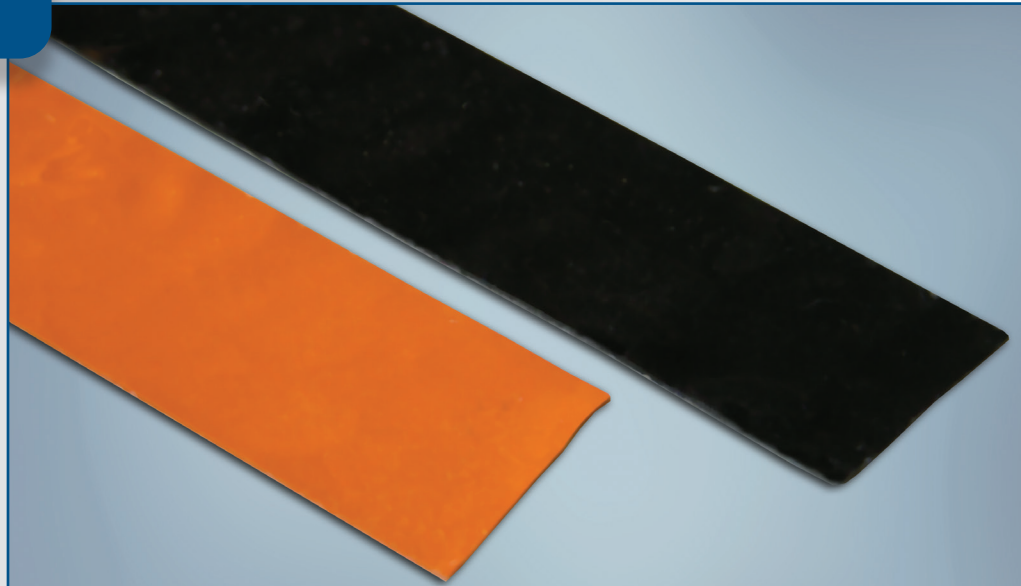


## Product Highlights

- Operating temperature from -50°C to +200°C (-58°F to +392°F)
- Peak temperature: +260°C (+500°F)
- Self-amalgamating at ambient temperatures
- Shelf Life: two years after date of manufacture

## Typical Applications

- Sealing & finishing of sleeve cut ends
- Wire harness and connectors
- Hose & tubing



Systems Protection offers a range of silicone elastomer tapes, which self-amalgamate at ambient temperature.

Silicone tapes are used for bundling, sealing or finishing sleeve ends. They can be used for protecting sharp edges of rings or metallic parts on a wire harness as well. They withstand to high temperatures.

The surface of this tape sticks together if a light pressure is exerted. After several hours at ambient temperature the individual layers fuse.

Tapes conform very well to the assembly geometry and dampen vibrations. Traditional rectangular section (REC) dedicated to end finishing is completed by a triangular version (TRI) to ensure straight bundling all along protected lengths.

Tape 34 REC and 37 REC can be offered perforated to your specific length to save installation time and avoid scissors use.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – Self-Amalgamating Tape 34/37

Property	Test Method	Result
<b>Operating Temperature</b>		-50°C to +200°C (-58°F to +392°F)
<b>Heat Aging:</b> 240hrs at +225°C 6hrs at +260°C	ISO 6722-1	Neither visible degradation nor loss of flexibility Shrinkage < 10%
<b>Elongation at break</b>	ASTM D 3759	300% minimum
<b>Flammability</b>	FMVSS 302 D45 1333	Pass Self extinguishing Type B
<b>Fluid Resistance</b>	D47 1924	No visible degradation into the following automotive fluids: <ul style="list-style-type: none"> <li>• Motor Oil</li> <li>• Automatic Transmission Fluid D</li> <li>• Mineral Hydraulic Fluid</li> <li>• Brake fluid</li> <li>• Battery Fluid</li> <li>• Engine Coolant</li> <li>• Windscreen washer</li> <li>• Zinc Chloride</li> </ul>

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Product Specifications

Commercial Part Number	Color	Profile	Width (mm)	Standard Packaging per roll (m)	Number of Rolls Per Box
Tape 34 TRI 25-3/-	Orange	Triangular	25	11	32
Tape 37 TRI 25-0/-	Black	Triangular	25	11	32
Tape 37 TRI 50-0/-	Black	Triangular	50	11	32
Tape 34 REC * 19-3/-	Orange	Rectangular	19	15	32
Tape 37 REC * 19-0/-	Black	Rectangular	19	15	32

\* Tape 34 REC and 37 REC can be offered perforated to your specific length in 10 mm increments to save installation time and avoid scissors use.

## Availability

Available with a protective film to prevent layers from sticking.

Available in black and orange colors.

## Recommendation Time for Amalgamate

Temperature (°C)	250	200	150	127	120	Room Temperature
<b>Time in Minutes</b>	15	20	35	80	120	23°C for 24 hrs

Once fused, tape cannot be removed without tearing.

## Storage

Tapes should be stored in original boxes, in a cool, dark location, not in close proximity to steam pipes, radiators or other sources of heat, at a temperature no greater than 37°C (98°F).



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