

# Technical data sheet



Product: 1609

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: ELEKTRO

Article group: AEROSOL

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## SCOTCH® 1609 SILICONE SPRAY

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## 3M™ Silicone Spray Scotch® 1609

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### Product Description

Scotch 1609 Silicone Spray is an oil and grease-free protective, lubricating, separating, and care-agent for plastics, wood, rubber and metals and provides long-lasting protection against moisture and corrosion.

The silicone spray can be used wherever oil and grease protection is needed. It lubricates moving parts without hardening and can be used within a wide temperature range (-32°C up to 177°C). Scotch 1609 Silicone Spray is neutral to paints, plastics, rubber, foam, wood and fabric.

### Pack Size

400ml can

### Typical Properties

- Clear, stain-free lubricant
- Clean, non-resinous lubricating film
- Good temperature resistance
- Protects against oxidation and corrosion
- Good adhesion
- Water repellent and antistatic



### Applications

The Silicone Spray Scotch 1609 is used as a lubricant for electrical appliances, locks, hinges, sunroofs, seat rails, safety belt winder, etc. It is suitable as a release agent in molding processes and can be used as an assembly aid when pulling cables. It also finds use in presses and guides for wood and paper processing as well as the treatment of cutting edges and tools. It can help to prevent buildups in conveyor belt applications.

Scotch 1609 protects, insulates and cares for plastic, rubber and metal parts and enables good sliding action. Rubber seals are maintained and do not freeze or stick.

The substrate should be dry, free of oil and grease (\*) and free of dust. Shake the can vigorously for about 30 seconds, apply the silicone spray from a distance of 20 - 30 cm and spread with a soft, lint-free cloth.

**Note:** \* Prior cleaning with Scotch® 1626 Cleaning and Degreasing Spray or Scotch® 1625 Special Contact Cleaning Spray is recommended

## Technical Information

Base	Silicone
Propellant	propane/butane
Solvent	aliphatic petroleum distillates
Colour	clear
Density at 20 °C	0.61 g/cm <sup>3</sup>
Dielectric strength at 25 °C	appr. 16kV / mm
Dielectric constant at 25 °C and between 0.5 and 100 kHz	appr. 2.70
Specific resistance	10 <sup>14</sup> Ωcm
Application temperature	16°C up to 25°C
Temperature resistance	-32°C up to +177°C

## Storage

3M™ Scotch® 1609 Silicone Spray has a 2 year shelf life from the date of manufacture, stated on the can, when stored in humidity controlled conditions (10°C to 27°C and <75% relative humidity)

## Safety Note

Pressurised Container. Protect from sunlight and temperatures above 50°C.

3M™ Scotch® 1609 Silicone Spray is highly flammable, and should not be sprayed into flames. Hold the can vertically when in use, do not incline more than 30°. This product should not be inhaled, a working environment with good ventilation must be ensured.

Protect skin and eyes, use appropriate PPE. Please refer to our SDS for further information at [https://www.3m.co.uk/3M/en\\_GB/company-uk/SDS-search/](https://www.3m.co.uk/3M/en_GB/company-uk/SDS-search/)

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