



Overview

WicSilicone's high-performance spark plug cables are meticulously engineered to meet the highest international standards. These cables are made from high-quality silicone, designed for durability, resistance to high temperatures, and exceptional performance in harsh environments. Our spark plug cables are compatible with a wide range of vehicles, ensuring reliable ignition and long-lasting performance.

ISO 9001

Batch-tested

ASTM / ISO Verified

Fully traceable

RoHS / REACH Compliant

Technical Specifications

Property	Specification
Temperature Range	-50°C to +220°C
Voltage Rating	35kV+
Material	Silicone rubber with multi-layer insulation
Core Type	Electrical resistance wire wound core (5.5koh \pm 0.5) with fiberglass reinforcement
Class	F
Hardness	85 \pm 2 SHA
Tensile	\geq 5 MPA
Elongation	\geq 200%
Gauge	7 \pm 0.3 mm, 7.5 \pm 0.3 mm, 8 \pm 0.3 mm
Electrical Resistance	5.5 \pm 12% Kohm



Features & Benefits

Flexible Supply Lengths

Available in 200-meter rolls and 1000-meter spools to support custom cutting and installation.

High Heat Resistance

Silicone insulation withstands extreme engine temperatures without cracking or degradation.

Oil & Moisture Resistant

Maintains electrical and mechanical performance in oily, humid, and harsh engine conditions.

Zero EMI / RFI Noise

Noise-free performance eliminates electromagnetic and radio frequency interference.

Aging & Wear Resistant

Resists long-term wear, vibration, and environmental aging for extended service life.

Improved Engine Performance

Optimized ignition efficiency contributes to smoother operation and better fuel efficiency.

Compliance & Certifications

- **ISO 9001:** Quality Management
- Batch-tested for strength & durability
- Fully traceable batch documentation
- ASTM / ISO standards verified
- **RoHS / REACH** compliant



Typical Applications

Passenger Vehicles

Compatible with Nissan, Peugeot 405, Hyundai, Kia Rio, and similar gasoline engine models.

Siemens & Sagem Systems

Designed for ignition systems using Siemens and Sagem electronic control units.

Euro 4 Engines

Meets performance requirements for Euro 4-compliant gasoline engine platforms.

OEM Replacement

Suitable for original equipment replacement in production lines and authorized service networks.

Automotive Workshops

Ideal for workshops requiring bulk spark plug cable for custom-length installations.

Harsh Engine Environments

Performs reliably in high-heat, oily, and vibration-prone engine compartments.

Processing & Handling

- Supplied in bulk rolls or spools for custom cutting and assembly.
- Flexible silicone insulation allows easy routing without cracking or deformation.
- Maintain proper bending radius to avoid stress at the conductor and insulation.
- Suitable for crimping with standard ignition cable terminals.
- Designed for stable performance during installation in high-heat engine environments.



Packaging & Storage

- Delivered in sealed rolls or spools to protect against dust and moisture.
- Store in a dry, shaded area away from direct sunlight and heat sources.
- Avoid stacking heavy loads on spools to preserve cable geometry.
- Recommended storage at moderate ambient temperatures.
- Clearly labeled packaging ensures easy identification and inventory control.

The information contained herein is believed to be accurate. Users should verify the suitability of the product for their application. Wire Iran is not responsible for improper use.