



Silopren\* Gel 7212

**2 Part RTV Gel for Cable joints**

**Product Description**

Silopren Gel 7212 is a kit matched easily pourable, solvent free, clear and colourless two-component silicone gel. After mixing the A and the B component at a mix ratio of 1:1 the material cures at room temperature by an addition reaction. Further acceleration of the cure is possible by heat.

**Key Performance Properties**

- Convenient 1:1 mixing by weight
- Low viscosity, free of solvents
- Cures at room temperature
- Soft gel with high elasticity

**Application**

Silopren Gel 7212 was developed for potting of electrical cable joints.

**Typical Product Data**

<b>Uncured / Mixed Properties</b>		<b>A</b>	<b>B</b>
Colour		Clear, Colourless	Clear, Colourless
Viscosity at 20°C	mPa·s	1500	1500
Pot Life at 23°C	min	45	

<b>Cured Properties</b> (1hr at 100 °C)		
Dielectric Strength <sup>1</sup>	kV/mm	25
Penetration, quarter cone	1/10 mm	120

<sup>1</sup> Sample thickness 1 mm

**Specifications**

Typical product data values should not be used as specification. Assistance and specifications are available by contacting Momentive performance materials Technical Service RTV.

**Instructions for Use**

**Mixing:**

Gel 7212 is a kit-matched product. As such, work time (pot life), cure time and final cure properties can only be assured if the batch numbers on the A component and B component are identical and the material is mixed at a ratio of 1:1 (by weight)

**Compatibility:**

Gel 7212 will reliably cure on substrates with a clean and dry surface. Certain materials such as butyl and chlorinated rubber, sulfur containing materials, amines and certain metal soap-cured RTV silicon rubber compounds can cause cure inhibition. Cure inhibition is characterized by a gummy appearance of the silicone at the interface between the silicone and the substrate.



**MOMENTIVE**  
performance materials

Silopren\* Gel 7212

**Handling and Safety**

Material Safety Data Sheets are available upon request from Momentive performance materials. Similar information for solvents and other chemicals used with Momentive performance materials Products should be obtained from your suppliers. When solvents are used, proper safety precautions must be observed.

**Storage and Warranty Period**

The shelf life will be indicated by the 'use before date' on the associated documents with a minimum of 4 months when stored in the original unopened containers at temperatures of 27°C or below.

**Availability**

The material is available in 380 kg drum kits and in 37 kg pail kits.



PRINCIPAL LOCATIONS – Regional Information

North America	World Headquarters 187 Danbury Road Wilton, CT 06897, USA	T 800.295.2392	F 607.754.7517
Latin America	Rodovia Eng. Constâncio Cintra, Km 78,5 Itatiba, SP – 13255-700, Brazil	T +55.11.4534.9650	F +55.11.4534.9660
Europe, Middle East, Africa and India	D-51368 Leverkusen Germany	T 00.800.4321.1000 T +31.164.225350	F +31.164.241.750
Pacific	Akasaka Park Building - 5-2-20 Akasaka Minato-ku, Tokyo 107-6112 Japan	T +81.3.5544.3100	F +81.3.5544.3101

CUSTOMER SERVICE CENTERS

North America	Charleston, WV 25314, USA E <a href="mailto:cs-na.silicones@momentive.com">cs-na.silicones@momentive.com</a>		
	<ul style="list-style-type: none"> <li>• Specialty Fluids</li> <li>• UA, Silanes, Resins, and Specialties</li> <li>• RTV Products-Elastomers</li> <li>• Sealants and Adhesives &amp; Construction</li> </ul>	T 800.523.5862 T 800.334.4674 T 800.332.3390 T 877.943.7325	F 304.746.1654 F 304.746.1623 F 304.746.1623 F 304.746.1654
Latin America	E <a href="mailto:cs-la.silicones@momentive.com">cs-la.silicones@momentive.com</a>		
	<ul style="list-style-type: none"> <li>• Argentina &amp; Chile</li> <li>• Brazil</li> <li>• Mexico &amp; Central America</li> <li>• Venezuela, Ecuador, Peru, Colombia, &amp; Caribbean</li> </ul>	T +54.11.4862.9544 T +55.11.4534.9650 T +52.55.5899.5135 T +58.212.285.2149	F +54.11.4862.9544 F +55.11.4534.9660 F +52.55.5899.5138 F +58.212.285.2149
Europe, Middle East, Africa and India	E <a href="mailto:cs-eur.silicones@momentive.com">cs-eur.silicones@momentive.com</a>	T 00.800.4321.1000 T +31.164.225350	F +31.164.241750
Pacific	E <a href="mailto:cs-ap.silicones@momentive.com">cs-ap.silicones@momentive.com</a>		
	<ul style="list-style-type: none"> <li>• Japan</li> <li>• China</li> <li>• Korea</li> <li>• Singapore</li> </ul>	T +81.276.20.6182 T +86.21.5050.4666 (ext. 1523) T +82.2.6201.4600 T +65.6220.7022	
Worldwide Hotline	Worldwide Web <a href="http://www.momentive.com">www.momentive.com</a>	T 800.295.2392 T +607.786.8131	F +607.786.8309

DISCLAIMER: THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC., MOMENTIVE PERFORMANCE MATERIALS USA INC., MOMENTIVE PERFORMANCE MATERIALS ASIA PACIFIC PTE. LTD., MOMENTIVE PERFORMANCE MATERIALS WORLDWIDE INC., MOMENTIVE PERFORMANCE MATERIALS GmbH, THEIR SUBSIDIARIES AND AFFILIATES DOING BUSINESS IN LOCAL JURISDICTIONS (collectively "SUPPLIERS"), ARE SOLD BY THE RESPECTIVE LEGAL ENTITY OF THE SUPPLIER SUBJECT TO SUPPLIERS' STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIERS MAKE NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING SUPPLIERS' PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. AFOREMENTIONED EXCLUSIONS OR LIMITATION OF LIABILITY ARE NOT APPLICABLE TO THE EXTENT THAT THE END-USE CONDITIONS AND/OR INCORPORATION CONDITIONS CORRESPOND TO THE RECOMMENDED CONDITIONS OF USE AND/OR OF INCORPORATION AS DESCRIBED BY SUPPLIER IN ITS PRODUCT DATA SHEET AND/OR PRODUCT SPECIFICATIONS. EXCEPT AS PROVIDED IN SUPPLIERS' STANDARD CONDITIONS OF SALE, SUPPLIERS AND THEIR REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN.

Each user bears full responsibility for making its own determination as to the suitability of Suppliers' materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Suppliers' products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Suppliers' Standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Suppliers. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Suppliers or any of its subsidiaries or affiliates covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.