

CUSTOMIZATION AND RESPONSIVENESS YOU CAN COUNT ON

COLORANT SOLUTIONS
FOR SILICONES AND ELASTOMERS

SOLUTIONS FOR EVERY SILICONE

Whether you are manufacturing silicone sealants or producing advanced silicone rubbers, Holland Colours has the colorant solution, service and support to help you grow further.

Sealant manufacturers need colorants that work across different processes, with no or minimal impact on the chemical and mechanical properties of the sealant. Manufacturers of silicone rubbers want custom shades, small production runs, rapid turnaround and fast delivery.

Holland Colours has your needs covered. As an independent specialist, we have decades of experience in colorants for silicone compounding, components, solid silicone extrusion and pressing, and liquid silicone molding. Our manufacturing technology can help to reduce residual solvents and odors, and our products support simpler, less labor-intensive processing.

We provide global coverage and service from our regional operations in North America, Europe and Asia. Our sales people understand the chemistry involved and your production requirements. And we offer technical and production support to match formulas to blends for the best solution for your elastomer needs.

TO GET IN TOUCH JUST EMAIL OR CALL US:

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"WE CAN CREATE AND SUPPLY COLORS
FOR EVERY SILICONE. BASICALLY,
WE ARE A ONE-STOP SHOP."

*Bert Schuiteman,
Senior Area Sales Manager*





MULTIPLE SYSTEMS DO IT ALL

Holland Colours offers color solutions that together cover the full range of silicones and elastomers. All systems are high strength, low dosing, environmentally friendly, and show pumpable viscosity. They conform with American, European and Asian regulations, and California's Proposition 65 Safe Drinking Water and Toxic Enforcement Act.

HOLCOSIL

Holcosil is available in various series and is used in all kinds of silicones, including for the non-migratory tinting of natural stone and masonry, based on a non-bleeding formula. Our Holcosil LSR range is specially designed for liquid silicone rubber (LSR) applications such as kitchen utensils, armbands, automotive parts and equipment, etc. Our Holcosil HTV range of basic colors is perfect for coloring solid silicone rubber for hot-pressed or extruded automotive parts, electronic devices and silicone products for the chemical industry.

HOLCOFLEX

Holcoflex is non-phthalate and is treated to reduce the moisture content in order to increase shelf life significantly. It is also available in blending colors. Holcoflex is mainly used for polyurethane sealants, modified silicone (MS) polymer sealants and hybrid formulas like hybrid silicone/polyurethane sealants.

HOLCOLEX

Holcolex is mainly used in water-borne systems to create wall paints, to color concrete and plaster, and to create spray paints, industrial coatings, and acrylic sealants.



"OUR PRODUCTS OFFER EXTREMELY GOOD DISPERSION. THE RESULT IS VERY LOW AND BETTER DOSING, WHICH REDUCES TOTAL COST SIGNIFICANTLY."

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*Bruce Byrnside,
Technical Sales Representative,
Holland Colours Americas*



WAYS WE CAN HELP YOU

COMPOUNDING INDUSTRY - CONSISTENT BASE AND CUSTOM COLORS

Color consistency is crucial when you are producing a wide variety of different silicone rubber compounds. We hold a wide range of standard base colors in stock, ready for immediate shipment. In addition, we can also create bespoke colors that provide a fast and reliable solution for specific color demands.

AUTOMOTIVE INDUSTRY - MORE CONTROL OVER YOUR COLORING COSTS

We work closely with producers of automotive parts, helping them to control their coloring costs with a range of LSR and HTV solutions. In an industry which demands quality, our perfectly matched colors deliver outstanding performance in silicone injection molding and silicone hot-press molding.

BUILDING & CONSTRUCTION - SUPPORT FOR FLEXIBLE BATCH PRODUCTION

We have the color solution you need for window glazing, roofing, flooring, acrylic sealants and polyurethane, silicone, and MS polymer applications. Our knowledge of markets and processes means we can also help you meet the growing demand for more flexible batch production, with equipment recommendations and implementation support. And because you produce any color from just a small range of core Holland Colours colorants, we can help you reduce stock holding and control lead times more effectively.

ENERGY INFRASTRUCTURE - ENHANCING SAFETY AND EASE OF IDENTIFICATION

Energy distribution is a fundamental part of our everyday life, and the backbone of modern society. Color plays an important role, from power generation to its delivery at the end user. From helping to identify the cables in people's homes, to coloring the insulators for overhead lines, Holland Colours offers a solution for each phase of the chain.

HOUSEHOLD PRODUCTS - REGULATORY AND PRODUCTION PEACE OF MIND

Compliance with food contact regulations is the number one priority for manufacturers of household products. Our colorants meet and beat our customers' expectations for injection and hot-press molding of silicone rubber parts.

GENERAL - LET'S TALK ABOUT WHAT YOU NEED

In addition to the applications mentioned, we offer solutions and support for customers operating in a range of other markets and industries. These include offshore and marine (glazing, anti-fouling, yacht decking, construction seals), medical, and other specialty applications. Contact us to discuss your needs and how we can help.

PRODUCT OVERVIEW AND BENEFITS

**RTV-1 solutions for building and construction,
marine and offshore, household appliances,
and electronics and lighting**

HOLCOSIL IP

- High pigment loading
- Excellent dispersion
- Lower dosing
- Standard colors, custom colors, and special effects (metallic, natural stone, fluorescent, phosphorescent)

HOLCOSIL NS

- Because of the use of reactive OH-polymer, the pigment paste in specific natural stone sealants won't stain in natural stone sealant applications
- Supports automatic dosing
- Standard colors, custom colors, and special effects (metallic, natural stone, fluorescent, phosphorescent)

HOLCOFLEX

- Highly effective for polyurethane sealants, MS-polymer sealants, polysulfide sealants, and other organic sealants
- Consistently excellent pigment dispersion
- Supports automatic dosing
- Minimal moisture content
- Standard colors and custom colors

HOLCOLEX A

- Acrylic sealant colorants based on waterborne pigment pastes
- Optimal pigment loading, high levels of pigment dispersion, and maximum reproducibility
- Well suited to other applications that use waterborne products, such as primers and mortars
- Standard and custom colors



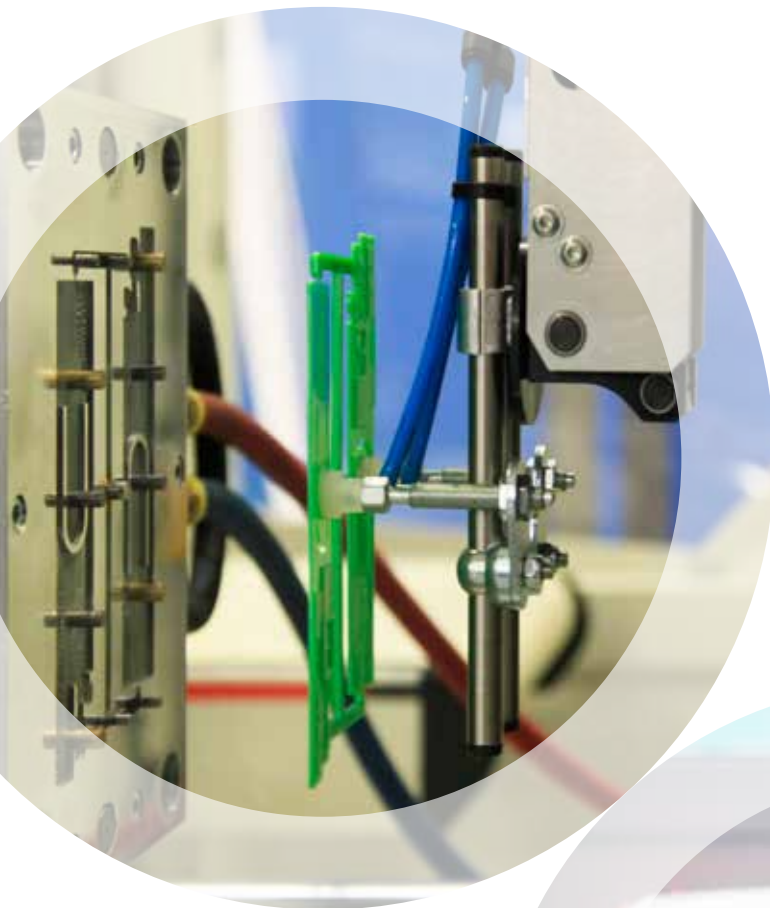
RTV-2 solutions for two-component silicone molds, modeling, and silicone-based printing with room temperature vulcanization

HOLCOSIL LSR

- For polyaddition grades
- Standard and custom colors and formulations

HOLCOSIL IP

- For B-components and hardeners (if plasticizers are allowed in the formulation)
- Standard and custom colors and formulations



HTV/HCR and LSR solutions for silicone rubbers for automotive, aerospace, electronics, medical household appliances and specialties

HOLCOSIL HTV/HCR

- For High Temperature Vulcanized/ Heat Cure Rubber applications
- Meets highest chemical and technical design, function, and identification requirements for extrusion and compression molding colors
- Good flexibility in color-setting
- Reduced impact on hardness, moisture resistance, flexibility, thermo-stability, chemical resistance, or electrical insulating properties of silicone rubbers
- Raw materials can be used in food contact applications. Specific information available on request.
- Available in standard and custom colors, plus metallic, fluorescent and phosphorescent special effects, and special additive formulations

HOLCOSIL LSR

- For Liquid Silicone Rubber and Liquid Injection Molding (LIM) applications
- Highly stable yet flexible for demanding applications
- Raw materials can be used in food contact applications. Specific information available on request.
- Suitable for coloring polyaddition-cured RTV-2 products
- Available in standard and unique custom colors to meet virtually any need
- Many thermos-stable versions. Specific information available on request.





As an employee-owned global company we create customized and effective color solutions that bring you a competitive advantage and offer you peace of mind.

FIND OUT MORE

Contact our sales people about purchasing quantities and deliveries or our technical experts for questions about our technology and its implementation:

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