

Main Environmentally-Friendly Silicone Products

| Product Categories | Application Examples | Positive effects that can be expected with regard to the environment. |
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| Addition Reaction-type Silicone Release Coatings (solvent-free type) | Release papers, films, etc. | Contributes to the reduction of VOC (Volatile Organic Compounds) and CO2 emissions. |
| Reduced Platinum Reaction-type Silicone Release Coatings | Release papers, films, etc. | Because curing can be done with reduced platinum usage, it contributes to resource saving. With a normal additional amount of platinum, cold curing is possible, and this contributes to energy saving. |
| Addition Reaction-type Silicone Pressure Sensitive Adhesives (solvent-free type) | Adhesive tapes, adhesive labels, etc. | Contributes to reduction of VOC (Volatile Organic Compounds) and CO2 emissions. |
| New Silicone Emulsion | Release agents, lubricants, gloss enhancers, etc. | Complies with the latest EU's REACH Regulations. Lowers the concentration of specific siloxanes. |
| Silicone Resins | Flame retardants (Flame retardancy of polycarbonate) | It helps to achieve the manufacture of eco-friendly, non-halogen flame retardants when added to polycarbonate resin. |
| Millable-Type Molding Silicone Rubbers that do not require post cure | General industrial-use rubber-molded products | Because there is no post-cure process, it contributes to energy saving. |
| Molding Silicone Rubbers using LIMS materials that do not require post cure. | Industrial-use rubber-molded products. Rubber parts of transportation vehicles. | Because there is no post-cure process, it contributes to energy saving |
| Low-density-Type Molding Silicone Rubbers using LIMS | Rubber parts of transportation vehicles, rubber parts for wearable devices, etc. | Because of its lighter weight, it contributes to such areas as energy saving. |
| Reduced-Density Thermal Interface Silicone Soft Pads | Heat dissipation for transportation vehicles' batteries, etc. | Because of the lighter weight, this contributes to the improvement of automobile fuel consumption, leading to energy saving. |
| Room-temperature Addition-cure-Type Liquid Silicone Rubbers | Adhesives and sealants, etc. | Because it is a room-temperature curing type, heating is not necessary, therefore contributing to energy saving. |
| Room-temperature Condensation Curing-type Liquid Silicone Rubbers | Adhesives and sealants, potting agents, etc. | Because it is a room-temperature curing type, heating is not necessary, therefore contributing to energy saving. |
| UV Curing-type Liquid Silicone Rubbers | Adhesives and sealants, coating agents, etc. | Because it is a UV curing-type of silicone adhesives, heating is not necessary, therefore contributing to energy saving. |