



EGJ-SD280 silicone rubber optical interface is specifically designed for optical coupling between photoelectric sensors and scintillation crystals. The silicone rubber material is very soft and can adapt to curved surfaces. It is a fully cured polymer with a slightly sticky surface that can deform under slight pressure. At the same time, it does not flow like lubricating oil and will not be irreversibly squeezed out when compressed, making it ideal for long-term coupling of scintillation crystals and photomultiplier tubes/silicon photomultiplier tubes. EGJ-SD28 silicone rubber sheet material can be easily cut to the desired size using a blade or scissors. All EGJ-SD280 products will be covered with an easily removable film when leaving the factory. EGJ-SD280 rubber sticks easily to any smooth surface and can be easily peeled off without damaging the components. If the surface of EGJ-SD280 is stained with dust, its adhesive performance will be reduced.

## Product details

- ▶ Density(g/cm<sup>3</sup>) ----- 1.03
- ▶ Hardness, Shore A ----- 16 ~ 24
- ▶ Refractive index ----- 1.43
- ▶ Working temperature range(°C) ----- -40 ~ 70
- ▶ Thermal expansion coefficient(cm/cm/°C) -----  $3 \times 10^{-4}$

## Product packaging

Thickness	1mm
Length	2000mm
Width	60mm

