

Cosmo Super Gel Seal Packing Information

Thank you for your continued patronage of our products. Cosmo Super Gel is a seal packing developed by Cosmo Instruments in conjunction with research into leak testing technology, to enable leak testing of workpieces of various shapes. Various methods of use, etc., have been patented or are currently being applied for.

■ Features

- ◎ It is a resin with extremely low hardness, and has excellent properties of flexibility and durability.
- ◎ If the string is gel (φ5 or larger), it can be made into an O-ring shape by heat welding.
- ◎ It is thermoplastic. It is a material that is safe for the human body and has passed various testing standards.

■ Benefits of use Benefits of use

- ◎ Cosmo Super Gel enables leak testing of workpieces with shapes that were previously difficult to seal.
- ◎ Cosmo Super Gel requires less clamping force to seal than conventional products, reducing production costs.

■ Seal example

<Sealing of steps and casting surfaces>	<Right-angle opening seal>	<Right-angle opening seal>	<Outer cable seal>
			

■ Cosmo Super Gel specifications

1. Standard gel plate Hardness: Asker C hardness

Hardness	Thickness: 2mm	Thickness 5mm	Thickness 10mm	Thickness 20mm
4 degrees	200×300 200×1000	200×300 200×1000 500×500 500×1000	200×300 200×1000 500×500 500×1000	500×1000
15 degrees	200×300 200×1000	200×300 200×1000 500×500 500×1000	200×300 200×1000 500×500 500×1000	500×1000



2. Standard gel string

- **Round gel string**
 - 7 types /φ2mm, φ3mm, φ5mm, φ8mm, φ10mm, φ13mm, φ15mm
- **Angular gel string**
 - 4 types: 5x5mm, 10x10mm, 15x15mm, 20x20mm
 - *Hardness levels are C4 (HC04N) and C15 (HC15N).



3. Non-standard We can also accommodate non-standard shapes.

<Caution>

Cosmo Super Gel is very soft, so it may not be suitable for leak tests with high test pressures as it may cause significant deformation. Please contact our representative for details.

