



Gelest GEL Series

Clear Dimethylsilicone Gel Elastomers

Features: Gels are solids with fluid characteristics. They provide mechanical protection and dampening with good cohesion, high instantaneous deformation.

Applications:

shock absorption- provide a property range extending from vibration dampening to sound absorption

electrical devices- provide low stress protection to delicate components.

Capsular Description:	Thickness  thick	Cure Pt catalyst	Hardness  low	Type  100% active 2-part
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Gelest Gel D200 2-Part Silicone Gel

Description

Gel D200 is a temporarily deformable medium penetration gel with typical dimethylsilicone properties and a refractive index of 1.41.

Gel Properties

Color	clear
Refractive Index	1.407
Penetration	150-250mm
Specific Gravity	0.97

Uncured Properties

Form	liquid
Viscosity	1000 cSt

Processing

Gel D200 is a 2-part addition cure system. Each system comprises an "A" part and a "B" part which are mixed in a 10:1 ratio. After thoroughly mixing 10 parts "A" to 1 part "B", allow mix to de-air. Pot life is 3-4 hours. Pour or syringe around part or into cavity. Cure at 115-120°C for 30-60 minutes or at room temperature for 48 hours. If the gel is too firm (low penetration), increase the ratio of A to B to 11:1, 12:1 etc.

Caution: Avoid contact with skin and eyes

Shelf life: 12 months when stored below 25°C in sealed containers.

Standard Packaging

PP2-D200 Gelest Gel D200
1kg/\$60.00 (910g D200A, 90g D200B)

Gelest Gel D300 2-Part Silicone Gel

Description

Gel D300 is a temporarily deformable high penetration gel with typical dimethylsilicone properties and a refractive index of 1.41.

Gel Properties

Color	clear
Refractive Index	1.407
Penetration	200-400mm
Specific Gravity	0.97

Uncured Properties

Form	liquid
Viscosity	350 cSt

Processing

Gel D300 is a 2-part addition cure system. Each system comprises an "A" part and a "B" part which are mixed in a 10:1 ratio. After thoroughly mixing 10 parts "A" to 1 part "B", allow mix to de-air. Pot life is 3-4 hours. Pour or syringe around part or into cavity. Cure at 115-120°C for 30-60 minutes or at room temperature for 48 hours. If the gel is too firm (low penetration), increase the ratio of A to B to 11:1, 12:1 etc.

Caution: Avoid contact with skin and eyes

Shelf life: 12 months when stored below 25°C in sealed containers.

Standard Packaging

PP2-D300 Gelest Gel D300
1kg/\$65.00 (910g D300A, 90g D300B)