KLEBER

NYS-SEALOR® SR 300 Non-conductive Elastomer Gaskets



Sealing elastomer is a polymer material with excellent flexibility, scalability and electrical insulation properties. With small elastic modulus, high elongation, good resistance to air permeability, resistance to various chemical dielectric and electrical insulation properties, sealing elastomer by Kleber is developed for shock absorption, sealing, flexing, abrasion resistance, corrosion resistance, insulation and other needs.

NYS-SEALOR® SR 300 is a wide temperature range non-conductive sealing elastomer developed by Kleber. It can stand low temperature at -55℃ for long time, with its tensile strength, elongation at break and hardness remaining almost the same as in room temperature. This military-grade product has been used in a large-scale in defense and industrial products.

SPECIFICATIONS

Typical Performance	NYS-SEALOR®SR 300	Unit	Test Method
Resin System	Silicone	-	-
Hardness	30~70	Shore A	ASTM D2240
Density	1.2	g/cm^3	ASTM D792
Tensile Strength	900	PSI	ASTM D412
Elongation	300	%	ASTM D412
Tear Strength	60	PPI	ASTM D624
Compression Set	30	%	ASTM D395
Working Temperature	-55~+170	℃	ASTM D1329

FEATURES & BENEFITS

- Diverse IP protection classes.
- Various colors to choose from.
- High flexibility and mechanical strength.
- Excellent ageing resistance.
- Full selections of rubber hoses, gaskets and molded rings.
- Customized design available.

APPLICATION

- Defense
- Aerospace
- Telecommunications
- Network
- Consumer electronics

Declare
The recommendation and data furnished by Kleber is based on our experiment and experience to date.This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application.Kleber shall not be liable for their usage and processing. The technology data sheet is subject to change without notice. The final interpretation right of the contents of this specification belongs to Kleber.