KLEBER

NYS-SEALOR® COE 601 Co-extruded Conductive Elastomer Gaskets



Co-Extruded gaskets (dual gaskets in single design with both a conductive and a non-conductive element, cured in parallel) provide additional environmental sealing and corrosion protection. Seam vulcanization ensures the long term integrity and stability of the gasket. Compared to bonding and mounting separate gaskets or double-groove designs, Co-Extruded gaskets offer design, cost and handling advantages.

NYS-SEALOR® COE 601 is make by NYS-SEALOR® ECE 501 & NYS-SEALOR® SR 300 which have the combination of excellent shielding effect and environmental sealing.

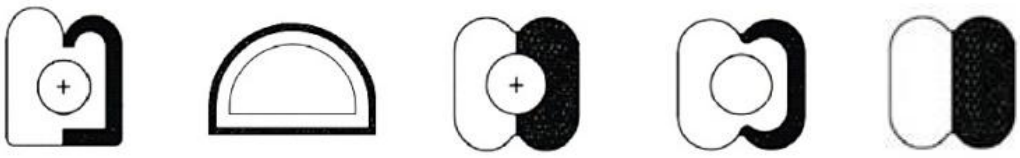
SPECIFICATIONS

Typical Performance		NYS-SEALOR®COE 601		Unit	Test Method
		Conductive	Non-Conductive		
Binder		ECE 501	SR 300	-	-
Conductive Particle		Ag/Al	-	-	-
Hardness		65	55	Shore A	ASTM D2240
Density		2.2	1.2	g/cm^3	ASTM D792
Volume Resistivity		0.008	-	Ohm-cm	MIL-DTL-83528C
Tensile Strength		180	900	PSI	ASTM D412
Elongation		150	300	%	ASTM D412
Tear Strength		30	60	PPI	ASTM D624
Shielding Effectiveness	500M	110	-	dB	MIL-DTL-83528C
	2G	105	-	dB	MIL-DTL-83528C
	18G	100	-	dB	MIL-DTL-83528C
Working Temperature		-55~+170		℃	ASTM D1329

FEATURES & BENEFITS

- High shielding possible with appropriate flange/enclosure materials and finishes – typically attenuation figures comfortably in excess of 100dB can be achieved up to 10GHz.
- Excellent environmental tightness performance.
- Remain serviceable even at temperature extremes typically -55℃ to +170℃ – lower and higher temperatures are possible.
- Low out-gassing.
- Cost-effective solution.

COMMON PROFILES



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.