



A product of Rayco Technologies



RAYSOSEX™ 6500

Tin-Free Dispense-in-Place gaskets with stable low outgassing and excellent sealing properties.

Raysorex™ 6500 is a ready-to-use one part compound. It has an incorporated system to initiate fast cross-linking within seconds upon exposure to UV-light.

Raysorex™ 6500 features

Tin-Free

Non tacky texture

Excellent thermal stability

Clean with very low outgas

Good adhesion to metal & plastic substrates

Incorporate fast UV-cure system

Fast & high production yield

Material Specifications

Physical

Properties	Test Method	Units	Value
Chemical Composition	-	-	Urethane based
Physical Form @ R.T	-	-	Liquid Paste
Color	-	-	Natural
Specific Gravity	ASTM D792	-	1.1-1.2
Viscosity @ 200°C	ASTM D1238	Pa-s (cPs)	1,200 (1,200,000)

Mechanical

Properties	Test Method	Units	Value
Hardness (Shore A)	ASTM D2240	-	60 -70
Compression Set (80°C for 72hrs)	ASTM D395	%	17
Tensile Strength	ASTM D412	MPa (psi)	2 (291)
Elongation @ Break	ASTM D412	%	20
Adhesion to substrate Shear force	-	N	13

Cleanliness Data

Properties	Test Method	Units	Value
Outgas by DHS	20800020-001 Rev E	ng/g	26,000



The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking the supplies immediately on receipt. The user shall evaluate and determine whether the product is suitable for the intended applications. We reserve the rights to alter product constants within the scope of technical progress or new developments. In no case will Rayco be liable for any special, incidental, or consequential damages based on breach of warranty or contract, negligence, strict tort, or any other theory.

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