

**TECHNICAL DATA SHEET**

## Combination Packing Ring Set **CARTSEAL**

### Description:




**CART SEAL** is a carefully & sequentially designed set of assorted sealing ring set, keeping in mind the application parameters and the media to be installed in.

**CART SEAL** is a concept and not a single product. The set consist of top and bottom molded rings and intermediate braided rings as per the requirement.

**CART SEAL** is a combination of various sealing aids which enables optimum sealing by maintaining lower levels of friction, high degree of heat dissipation and excellent blocking of body or shaft leakage which may not be possible with a single fiber or a hybrid packing.

**CART SEAL** is able to replace mechanical seal in any kind of application reducing cost of sealing drastically.

### Operational Parameters:

PROPERTIES			
pH	0-14		
TEMPERATURE (°C)	-240 to +650		
PRESSURE (BAR)	200	500	500
VELOCITY (m/s)	25	30	---
SIZE	OD x ID x Total Length of Stuffing Box is to be mentioned.		

### Advantages:

- ❖ Performance beyond set standards for volatile organic compound & hazardous chemicals.
- ❖ Friction reduces by 15% to 25% than flat rings.
- ❖ Self-adjustments to thermal & pressure cycling.
- ❖ Conforms API 5898 & 607 also API 622 standards with ISO 15848 Certification for Fugitive Emission Control while used in valves.

### Typical Applications:

Pumps, Valves, Reactors, Mixers, Agitators etc.

### Service Media:

Acids, Alkalis, Solvent, Amide, Aldehyde, Alcohol, Detergents, Pigments, Dyestuffs, paints, Emulsions, Synthetic molten materials, Fine chemicals slurry, Liquid ammonia & Ammonium compounds, Carbamate solutions, Fuel & Lube oil, hydrazine, Emulsions, Tri sodium phosphate, Sodium Hexamate phosphate, Black & gGreen liquor, Paper pulp, Pulp diluted with water, Emulsion water and any other fluid media.

All information and recommendations given in this technical data sheet are correct to the best of our knowledge. However, in view of the wide variety of application and operating conditions one cannot draw the final conclusion in all application cases regarding the behavior of compounds. The above information can only serve as a guideline.

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