

SEALPAK® 47

Moldable PTFE/Graphite Packing

Material:

Sealpak®47 is an extrusion packing composed of pure PTFE, graphite and special lubricant.

Properties:

Sealpak®47 is soft and dense packing, with a very low coefficient of friction. This product has excellent resistance to gas permeation and is self-lubricating. **Sealpak®47** remains soft and pliable even after long service, reducing the wear on the shaft and sleeves. The addition of graphite allows for improved heat dissipation.

Applications:

Suitable for use in pumps, mixers, sliders, valves and rotating equipment in general, but also in many static applications. Due to its softness, it is normally installed with a braided top and bottom anti-extrusion ring. The excellent chemical resistance of the **Sealpak®** products allow its use with the majority of industrial fluids, including aggressive acids and caustics. It can also be used with abrasive fluids and solids in suspension.

Advantages:

Because of its high malleability, **Sealpak® 47** can be applied in equipment with misaligned shafts or with an oval shaped stuffing box. Its excellent lubrication allows it to be utilized in equipment with no flush water. The inclusion of graphite allows for usage in service conditions where higher shaft speeds and elevated pressure is observed.

Not Suitable For:

Liquid alkaline metals, free fluorine compounds, high temperatures and pressure ratings, nitric acid in high concentration, and oxygen.



Application Limits

Temperature (°F)		Pressure (PSI)	
Minimum	-148(°F)	Rotary	363PSI
Maximum	536(°F)	Static	290PSI
Speed (FT/S)	39.37	pH	0-14

Additional Information:

Cross section: 1" (in.) - Weight: 5.5lbs Buckets

Properties and application parameters shown throughout this data sheet are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult TEADIT. Failure to select proper sealing products could result in property damage and/or serious personal injury. Specifications are subject to change without notice; this edition cancels all previous issues.

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