

## Sealmax Style 940S – Slit Type PTFE Envelope



### Applications:

- Sealmax Style 940S – Slit Type PTFE Envelope Gasket is manufactured by enclosing a compressible insert material inside a PTFE envelope with a precision slit opening
- This construction ensures that only PTFE comes in contact with the process media, while the insert provides excellent resilience and sealing capability.
- Style 940S allows easy assembly and improved flexibility during installation.
- Style 940S is suitable for Chemical Processing Equipment, Pharmaceutical and biotech plants, Food & beverage processing units, petrochemical and refinery services, Glass-lined reactors and fragile flange joints, corrosive fluid pipelines and vessels etc.

### Properties:

- Outstanding chemical resistance.
- Excellent sealing at low bolt loads
- Non-toxic and non-contaminating
- Prevents filler attack by aggressive media
- Suitable for brittle and glass-lined flanges
- Low friction, non-stick surface
- Long service life

### TECHNICAL SPECIFICATIONS

SR.NO.	PROPERTIES	UNIT	TEST METHOD REFERENCE	SPECIFIED VALUES
1.	Density	gm/cm <sup>3</sup>	ASTM D-792	2.15
2.	Tensile Strength (Min.)	Mpa	ASTMD-638	20 – 30
3.	Hardness	-	Shore D	60
4.	pH range	-	-	0- 14
5.	Maintenance factor (m)	-	-	2.5
6.	Seating stress (y)	-	-	1500 psi

### GENERAL SPECIFICATIONS

SR.NO.	PARAMETERS	SPECIFICATIONS	REMARKS
1.	Material	100% Virgin PTFE	-
2.	Colour	White	-
3.	Operating Temperature	Max 260° C	-
4.	Pressure range	Upto 40 bar	Depends on insert and service conditions
5.	Size range	DN 15 to DN 600 and above	Customized sizes on request (Fused Type is available for bigger sizes)
6.	Available thickness	0.5mm to 6.0mm	Customized on requests
7.	Available inserts	CNAF, Rubber, Graphite	Customized insert on request

All technical data and recommendations are given based on our experience. However, we assume no liability whatsoever. All data and values must be verified by the user, as the effectiveness of a seal can only be accurately judged by evaluating all data parameters directly on site. The stated parameters of all packing styles are approximate and may be influenced if occurring together. We suggest you to contact us in case of any special applications.



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