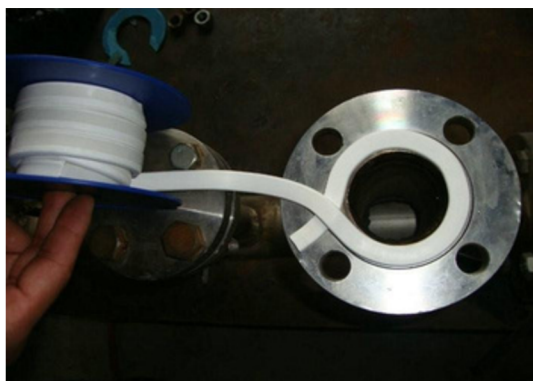


## Sealmax Style 9909T – Expanded PTFE Tape with One-side Adhesive



### Applications:

- **Sealmax Style 9909T** is a high-performance one-side adhesive joint sealant tape manufactured from 100% uni-axially expanded PTFE (ePTFE), designed for reliable sealing of flange joints and static sealing applications.
- It can seal weak flanges subject to considerable deformation such as glass reinforced plastics (GRP), plastic fittings and ventilation facilities.
- **Style 9909T** is used in pressure sensitive connections and applications where only a limited flange load is available, providing a stress sensitive solution.

### Properties:

- **Style 9909T** has one-side adhesive backing which enables quick, accurate installation and holds seal in position during assembly.
- Exceptional chemical resistance, inert to virtually all corrosive chemicals across a wide pH range (pH 0-14).
- Excellent compressibility allowing effective sealing of uneven, warped or damaged flange surfaces ensuring consistent sealing stress over extended service periods.
- **Style 9909T** is non-toxic and non-contaminating, suitable for high-purity, pharmaceutical and food grade applications.
- Wide temperature resistance suitable for both cryogenic and high-temperature services

### Installation:

- Ensure all flange sealing surfaces are clean, dry and free from dust, oil, grease or old gasket material before installation.
- Apply **Style 9909T** evenly around the flange or sealing surface without overstretching the tape.
- Join tape ends by butting or light overlapping; avoid excessive build-up at the joint area.
- Assemble the flange and tighten bolts using a cross-pattern tightening sequence to ensure even compression.
- Apply bolt load gradually in stages to reach the recommended sealing stress.
- Re-torque bolts if required after the system reached operating temperature

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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TECHNICAL SPECIFICATIONS				
SR.NO.	PROPERTIES	UNIT	TEST METHOD REFERENCE	SPECIFIED VALUES
1	Density	gm/cm <sup>3</sup>	ASTM D-792	0.65 ± 10%
2	Tensile Strength (Min.)	Mpa	ASTMD-638	12 ± 5
3	Compressibility	%	ASTM F36	> 60%
4	Recovery	%	ASTM F36	> 8%
5	Creep relaxation (22 hrs at 100°C)	%	ASTM F38	≤ 35%
6	Maintenance factor (m)	-	-	1.5
7	Seating stress (y)	-	-	2500 psi

GENERAL SPECIFICATIONS			
SR.NO.	PARAMETERS	SPECIFICATIONS	REMARKS
1	Material	100% Uni-axially Expanded PTFE	microporous fibrous texture
2	Colour	White	-
3	Operating Temperature	-240°C to +270°C (-400°F to +518°F)	Intermittent to +315°C (+600°F)
4	Pressure range	Vacuum upto 200 bar (3000 Psi)	Depends on the installation situation
5	Shelf Life	Unlimited under proper storage	Non-ageing material
6	Available thickness	See below table	-
7	Available forms	Tape	-

GENERAL SPECIFICATIONS					
SR. NO.	SIZES	5 MTRS	10 MTRS	25 MTRS	50 MTRS
1	3mm W x 1.5mm thk	-	-	X	X
2	5mm W x 2mm thk	-	-	X	X
3	7mm W x 2.5mm thk	-	X	X	X
4	10mm W x 3mm thk	-	X	X	X
5	12mm W x 4mm thk	-	X	X	X
6	14mm W x 5mm thk	-	X	X	X
7	17mm W x 6mm thk	-	X	X	-
8	20mm W x 3mm thk	-	X	X	-
9	20mm W x 7mm thk	-	X	X	-
10	25mm W x 5mm thk	-	X	X	-
11	25mm W x 10mm thk	-	X	X	-
12	28mm W x 5mm thk	X	X	X	-
13	40mm W x 5mm thk	X	X	-	-

\*Custom sizes available on requests

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