



**Manufacturers and distributors of sealing and Jointing Materials**

**DATA / SPECIFICATION SHEET**



# Novatex Expanded PTFE Sealant Tape

## DESCRIPTION

Novatex Expanded PTFE Sealant Tape is made from 100% pure virgin PTFE resin, which is developed by using a special process for highly fibrillated structure. Its high tensile strength and flexibility ensures the gasket material is impervious to gases and liquids after compression. Novatex is stable under high temperatures and resistant to creep and cold flow.

## SERVICE

Novatex Expanded PTFE Sealant Tape has outstanding hydro-sealing ability. It is resistant to most chemicals at a wide range of temperatures and pressures from full vacuum to medium levels.

Novatex is suitable for applications in the aero, marine, refinery, petrochemical, metallurgical, power generation, paper, pharmaceutical, food processing and general engineering industries.

Specially designed for flange and lid assemblies.

## AVAILABILITY

A few sizes of stock will satisfy practically all needs, saving gasket inventory and maintenance time. Easy to install, no precutting and suitable for irregular or damaged sealing surfaces. Can be used on fragile equipment, glass, plastic, etc.. Self-Adhesive backing for easy application.

### Standard Sizes

No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Width(mm)	3±5	5±1	7±1	10±1.5	12±1.5	14±1.5	17±1.5	20±2	20±2	25±2	25±2	30±2	40±2	50±2	75±2
Thickness (mm)	1.5±0.5	3±0.5	2.5±0.5	3±1	4±1	5±1.5	6±1.5	4±1	7±1.5	4±1	8±1.5	4±1	4±1	4±1	4±1
Length(M)	30	25	20	10	5	5	5	5	5	5	5	6	5	5	5
Flange size(mm)	<100	<400	<600	<1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000	>1000

### Other Sizes On Request

## TYPICAL PHYSICAL PROPERTIES

Item	Unit	Property Value
Density	g/cm <sup>3</sup>	0.5 ~ 0.8
Tensile Strength	MPa	≥8.0
Volatility	%	≤1.0
Hardness	HA	30 ~ 70
Creep Relaxation	%	≤40
Applicable Temperature	°C	-240 ~ 260
Maximum Pressure	MPa	14
PH Range		0 ~ 14
Bolting Pressures	MPa	Min 8 ~ 20 (3mm - 25mm)

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