



## PTFE Film Adhesive Tape

### PTFE Film Adhesive Tape/PTFE skived film tape

PTFE film adhesive tape consists of silicone or acrylic adhesive applied to a base material made of pure PTFE skived film. This PTFE film adhesive tape has low coefficient of friction, high dielectric strength and high flexibility, they are widely used in wire and cable wrapping, lithium battery packaging, heat sealing in aircraft industry, oil & gas industry and other industries.

### Specification

- **Color:** ☐ Gray, ☐ White, ☒ Orange and others
- **Width:** Max 1050mm(41.3 inches), any slit width is available
- **Style:** PTFE film with high elongation or with high modulus
- **Thickness:** total thickness ranging from 0.05mm to 0.50mm

### PTFE film adhesive tape is categorized into two series based on customer application

- **High Elongation Series:** This series features softer film tape, providing greater flexibility.
- **High Modulus Series:** This series is oriented either unidirectionally or bidirectionally, offering more rigidity.

## TDS of PTFE Film Adhesive Tapes with High Elongation

PTFE Film Adhesive Tapes with High Elongation are electrical insulating tapes featuring PTFE film base. Its high elongation rate makes it very flexible, enhancing its suitability for various applications. The tape also offers excellent electrical properties, a low friction coefficient, and strong resistance to heat and chemicals. This combination makes it ideal for heat sealing, heat-resistant masking, and electrical insulation.



Model Name	Adhesive Type	PTFE Film Thickness mm(inch)	Total Thickness mm(inch)	Tensile Strength N/50mm(N/2inch)	Dielectric Strength KV	Percentage of Elongation %
YS7905	Silicone PSA	0.03(0.0012)	0.05(0.0020)	50(50)	4	200
YS7908	Silicone PSA	0.05(0.0020)	0.08(0.0032)	250(250)	6.5	150
YS7908B	Silicone PSA	0.05(0.0020)	0.08(0.0032)	250(250)	Anti-static	150
YS7908AJY	Acrylic PSA	0.05(0.0020)	0.08(0.0032)	250(250)	6.5	150
YS7910	Silicone PSA	0.05(0.0020)	0.10(0.0040)	270(270)	8	150
YS7913	Silicone PSA	0.09(0.0035)	0.13(0.0050)	300(300)	13	150
YS7913B	Silicone PSA	0.09(0.0035)	0.13(0.0050)	300(300)	Anti-static	150
YS7913AJY	Acrylic PSA	0.09(0.0035)	0.13(0.0050)	300(300)	13	150
YS7918	Silicone PSA	0.13(0.0050)	0.18(0.0070)	250(250)	13	350
YS7918AJY	Acrylic PSA	0.13(0.0050)	0.18(0.0070)	250(250)	13	350
YS7930	Silicone PSA	0.25(0.010)	0.30(0.018)	350(350)	16	250
YS7950	Silicone PSA	0.35(0.0138)	0.50(0.020)	420(420)	26	250

## TDS of PTFE High Modulus Film Adhesive Tape

PTFE High Modulus Film Adhesive Tape is an electrical insulating tape made with a unidirectionally oriented PTFE orange film base. It boasts outstanding electrical properties, a low friction coefficient, and strong resistance to heat and chemicals. This tape is commonly chosen for applications such as heat sealing, heat-resistant masking, and electrical insulation.



Model Name	Adhesive Type	PTFE Film Thickness mm(inch)	Total Thickness mm(inch)	Tensile Strength N/50mm(N/2inch)	Dielectric Strength KV
YS7905-HM	Silicone PSA	0.03(0.0012)	0.05(0.0020)	260(260)	9
YS7907-HM	Silicone PSA	0.05(0.0020)	0.07(0.0028)	350(350)	11
YS7908-HM	Silicone PSA	0.06(0.0024)	0.08(0.0032)	380(380)	13
YS7910-HM	Silicone PSA	0.08(0.0032)	0.10(0.0040)	410(410)	15



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