

Teflon tape is made of a PTFE film coated with a heat-resistant silicon pressure-sensitive adhesive. The PTFE substrate used for this tape has high tensile strength and excellent wear resistance, while retaining the excellent release property of PTFE itself.

TFE Tape Features

- Excellent high temperature resistance and durability
- Used continuously for a long time in the production process
- High tensile strength
- Excellent wear resistance
- Retain the excellent release properties of PTFE itself
- Excellent insulation strength

PTFE Tape Applications

- Roll coating
- Automatic packaging machine
- Braided tape composite
- High temperature insulation
- Plate masking
- Heat-seal

PTFE Tape Classification

PTFE HMS series

- The tape is wrapped around the roll to prevent molten plastic from accumulating at the end of the roll
- It can be used in weaving webbing composite and other occasions that require high temperature resistance and release Tape
- The special high-temperature resistance adhesive has good adhesion and no residual glue after removal

PTFE HM series

- The excellent insulation strength and tensile strength make it can be used as a long-lasting insulation tape.
- The dielectric properties of PTFE and the high temperature adhesive of the coating are integrated.
- It also has chemical inertness, low friction, anti-adhesion, non-toxic and other properties.

			PTFE TAPE HMS 22S	PTFE TAPE HM 22S	PTFE TAPE HM32S	PTFE TAPE HM 52S
Backing type			Silicone series			
Product size						
Aggregate thickness	mm	ASTM D3652	0.1	0.08	0.11	0.16
Base material thickness	mm	ASTM D3652	0.051	0.05	0.075	0.125
Backing thickness	mm	ASTM D3652	0.49	0.03	0.03	0.03
Colour			Rust Red Orange	Gray		
Mechanical property						
tensile strength	N/cm	ASTM D882	120	45	60	65
percentage of elongation	%	ASTM D882	55	175	275	200
adhesion stress	N/cm	ASTM D3330	4.3	3.3	3.8	4.4
Thermal property						
operating temperature	°C	UL-746 B	-70~260			

The above data are typical features, but not applicable in special cases. Please contact PLUSXTECH sales representative to obtain the appropriate value.