

Adhesive sheet for oil surface

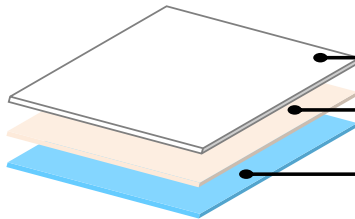
TPG75-FOS (30) G

WPET50-FOS (30) G

Outline

TPG75-FOS (30) G , WPET50-FOS (30) G are adhesive sheets of plastic film coated with an adhesive for oil surfaces. It has superior adhesion to oily surfaces compared to general adhesive sheets. It has strong adhesive strength to PP (polypropylene) , which is generally considered difficult to stick to.

Structure



- TPG75 : Synthetic Paper (PP Base, Surface: highly adhesive layer)
- WPET50 : White Polyester Film (Surface: highly adhesive layer)

Acrylic special adhesive

Glassine Paper Release Liner (Blue)

Product Name	Tape Thickness (μm)	Base film (μm)
TPG75-FOS (30) G	105	75
WPET50-FOS (30) G	80	50

Properties

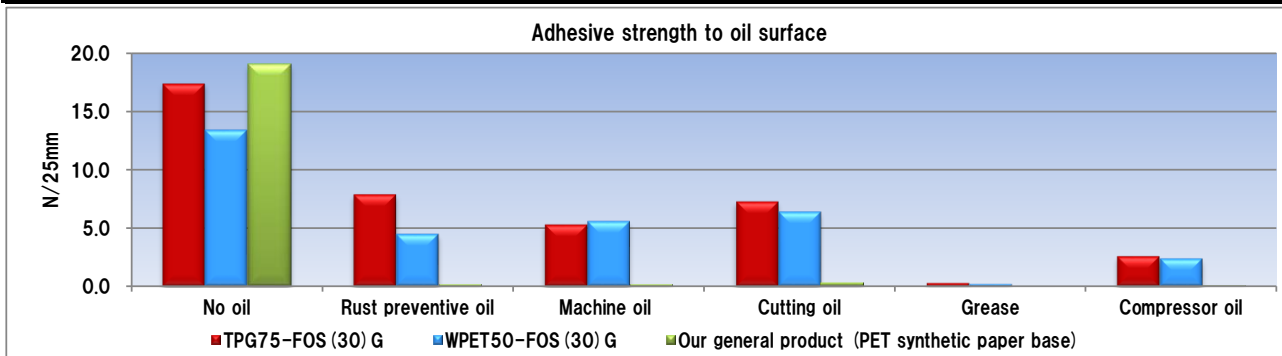
◆Basic Adhesive Properties

			Measured value		Test method
			TPG75-FOS (30) G	WPET50-FOS (30) G	
Adhesive Strength (N/25mm)	SUS (# 360 Polishing)	20min.	16.6	12.1	•JIS Z0237 •180° Peel •Peel Speed 300mm/min •Measurement environment: 23°C50%RH cf: Cohesive failure
		24Hrs.	18.8	14.5	
	Aluminum	20min.	14.4	10.7	
		24Hrs.	15.9	12.9	
	ABS	20min.	18.5	17.3	
		24Hrs.	21.7 cf	21.2 cf	
	PP	20min.	19.9	18.8	
		24Hrs.	24.8 cf	21.9 cf	
Holding Power (mm/50000sec)			0.1	0.1	•40°C, Load 1kg •25mm×25mm •Substrate:Stainless steel (Polished with # 360)
Ball Tack (No.)			8~10	8~10	•J.DOW Method (23°C)

Properties

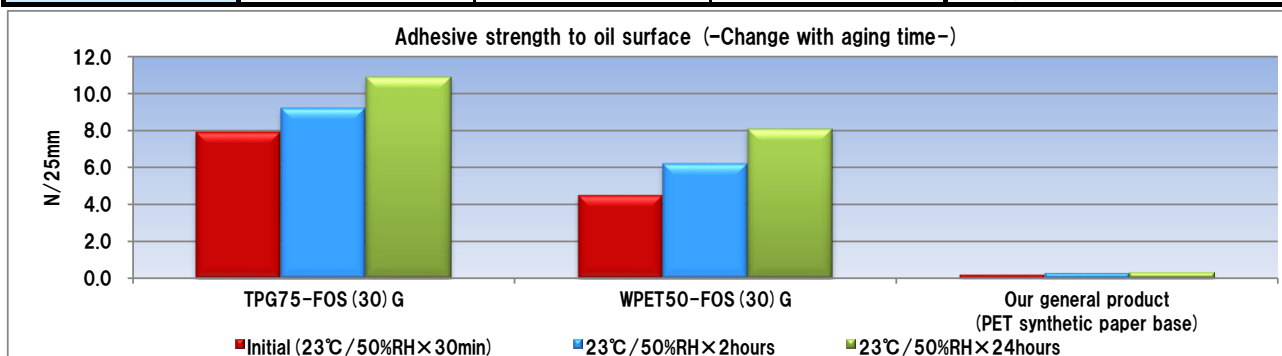
◆Adhesive strength to oil surface

	Measured value			Test method
	TPG75-FOS (30) G	WPET50-FOS (30) G	Our general product (PET synthetic paper base)	
No oil	17.4	13.4	19.1	<ul style="list-style-type: none"> •Amount of coating oil: 5g/m² •Substrate:Stainless steel (Polished with # 360) •Lamination Method: 1 round trip with 2Kg rubber roller •Tensile angle:180° •Peel Speed 300mm/min •Measurement environment: 23°C50%RH •Aging condition: 23°C 50%RHx30min •Unit: N/25mm
Rust preventive oil	7.9	4.5	0.20	
Machine oil	5.3	5.6	0.20	
Cutting oil	7.3	6.4	0.30	
Grease	0.3	0.2	0.02	
Compressor oil	2.6	2.4	0.10	



◆Adhesive strength to oil surface (-Change with aging time-)

	Measured value			Test method
	TPG75-FOS (30) G	WPET50-FOS (30) G	Our general product (PET synthetic paper base)	
Initial (23°C / 50%RH × 30min)	7.9	4.5	0.20	<ul style="list-style-type: none"> •Amount of coating oil: 5g/m² •Oil type: Rust preventive oil •Substrate:Stainless steel (Polished with # 360) •Lamination Method: 1 round trip with 2Kg rubber roller •Tensile angle:180° •Peel Speed 300mm/min •Measurement environment: 23°C50%RH •Aging condition: See table at left. •Unit: N/25mm
23°C / 50%RH × 2hours	9.2	6.2	0.30	
23°C / 50%RH × 24hours	10.9	8.1	0.30	



Notices

Attach after wiping off oily, dusty and moisture substances on the surface of the adherend you may use.

Give an enough pressure when attaching, under the temperature condition over 10°C as possible.

Store it in a cool, dark place away from direct sunlight.

These data are representative so as not to guarantee for your conditions,nor do they for the wide range of each application described in this technical information.

Examining the compatibility of the adherend material with our product in advance, make a decision of starting to use.

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