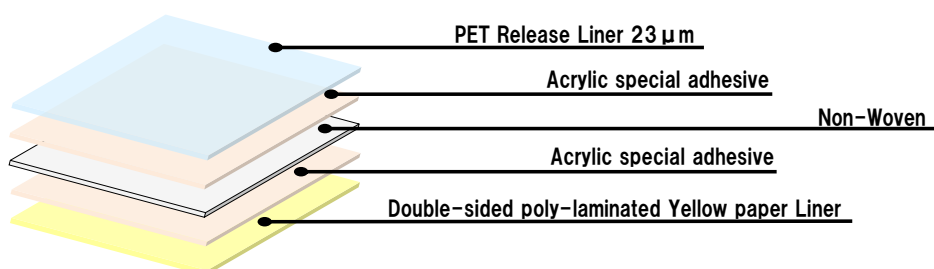


## TGS-115 OS

### Outline

TGS-115 OS is a double-coated adhesive tape for oil surfaces with a non-woven substrate. Superior adhesion to oily surfaces compared to general double-coated adhesive tapes. Excellent adhesion to various adherends. It has strong adhesive strength to PP (polypropylene), which is generally considered difficult to stick to.

### Structure



Product Name	Tape Thickness (μm)
TGS-115 OS	150

### Properties

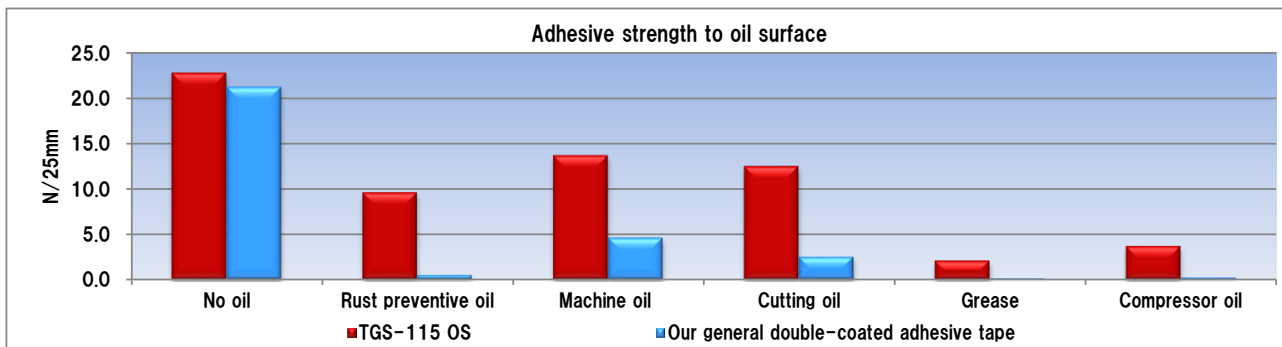
#### ◆Basic Adhesive Properties

			Measured value	Test method
Adhesive Strength (N/25mm)	SUS (# 360 Polishing)	20min.	22.4	•JIS Z0237 •180° Peel •Peel Speed 300mm/min •Measurement environment: 23°C50%RH •Lining material: PET#25 cf: Cohesive failure
		24Hrs.	31.1 cf	
	Aluminum	20min.	20.6	
		24Hrs.	27.1 cf	
	ABS	20min.	16.7	
		24Hrs.	32.0 cf	
PP	20min.	34.3 cf		
	24Hrs.	33.1 cf		
Holding Power (mm/50000sec)			0.2	•40°C.Load 1kg •25mm×25mm •Substrate:Stainless steel (Polished with # 360) •Lining material: PET#25
Ball Tack (No.)			12	•J.DOW Method (23°C)

## Properties

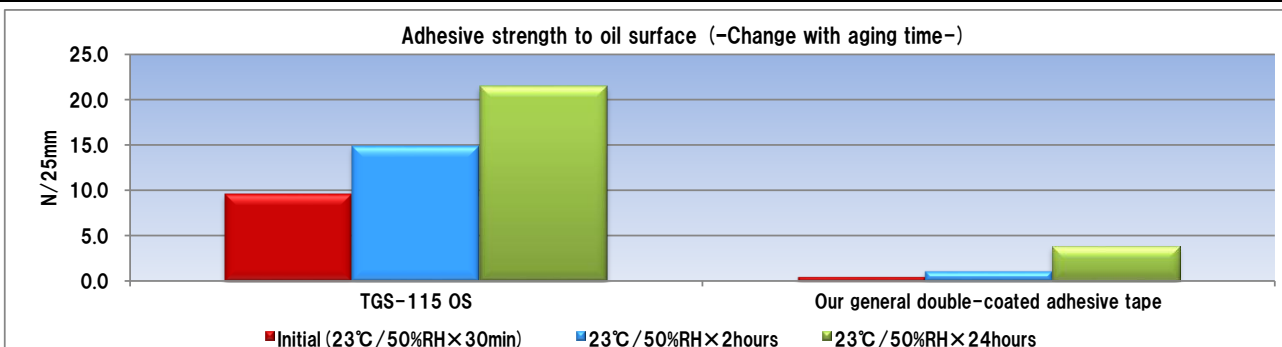
### ◆Adhesive strength to oil surface

		Measured value		Test method
		TGS-115 OS	Our general double-coated adhesive tape	
Adhesive Strength (N/25mm)	No oil	22.8	21.2	<ul style="list-style-type: none"> <li>•Amount of coating oil: 5g/m<sup>2</sup></li> <li>•Substrate:Stainless steel (Polished with # 360)</li> <li>•Lining material: PET#25</li> <li>•Lamination Method: 1 round trip with 2Kg rubber roller</li> <li>•Tensile angle:180°</li> <li>•Peel Speed 300mm/min</li> <li>•Measurement environment: 23°C50%RH</li> <li>•Aging condition: 23°C 50%RHx30min</li> </ul>
	Rust preventive oil	9.6	0.5	
	Machine oil	13.7	4.6	
	Cutting oil	12.5	2.5	
	Grease	2.1	<0.1	
	Compressor oil	3.7	0.2	



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

		Measured value		Test method
		TGS-115 OS	Our general double-coated adhesive tape	
Adhesive Strength (N/25mm)	Initial (23°C /50%RH× 30min)	9.6	0.5	<ul style="list-style-type: none"> <li>•Amount of coating oil: 5g/m<sup>2</sup></li> <li>•Oil type: Rust preventive oil</li> <li>•Substrate:Stainless steel (Polished with # 360)</li> <li>•Lining material: PET#25</li> <li>•Lamination Method: 1 round trip with 2Kg rubber roller</li> <li>•Tensile angle:180°</li> <li>•Peel Speed 300mm/min</li> <li>•Measurement environment: 23°C50%RH</li> <li>•Aging condition: See table at left.</li> </ul>
	23°C /50%RH ×2hours	14.9	1.1	
	23°C /50%RH ×24hours	21.5	3.8	



## 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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They do not constitute a warranty of any kind by NEION Film Coatings Corp.