



## TEST REPORT

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PRODUCT: **BNW 1028LV**  
SUPPORT: **2MIL PET-FELT**  
SUBSTRATE: **SS-COATED SS**  
CERT NO.: **241014 - 0546**



**TOYOTA TSK 5702GCLASS-1**  
OEM Rev Date: Oct 05  
Double Coated Adhesive Tapes for Interior Trim Materials  
Class 1 for adhesion of foams such as polyethylene foam

### TAPE REQUIREMENTS:

#### SECTION: **5.2 Thickness\***

5.2, Thickness, PET  
5.2, Thickness, FELT

Substrate	Specification	Results	Status
-	> 0.14 < 0.2 mm	0.13	Reported
-	> 0.14 < 0.2 mm	0.89	Reported

#### SECTION: **5.3 Peel Strength**

ASTM D3330

5.3, Peel Strength, Initial, 10 min dwell  
5.3.2, Peel Strength, At High Temp, 30 min @ 70°C, No Recovery  
5.3.3, Peel Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT  
5.3.4, Peel Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
SS	10 N / 25 mm	23.9	Pass
SS	5 N / 25 mm	26.7	Pass
SS	15 N / 25 mm	46.7	Pass
SS	10 N / 25 mm	43.0	Pass

#### SECTION: **5.3 Shear Strength**

ASTM D1002

5.3.1, Shear Strength, Initial, 10 min dwell  
5.3.2, Shear Strength, At High Temp, 30 min @ 70°C, No Recovery  
5.3.3, Shear Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT  
5.3.4, Shear Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
SS	150 kPa	339.9	T Pass
SS	40 kPa	287.5	Pass
SS	350 kPa	379.1	T Pass
SS	200 kPa	310.9	Pass

#### SECTION: **5.3.5 Holding Power**

ASTM D3654

5.3.5, Shear Strength, 2 hrs @ 40°C under 5 N

Substrate	Specification	Results	Status
SS	> 120 mins	178.0	Pass

#### SECTION: **5.4 Peel Strength**

ASTM D3330

5.4.2, Peel Strength, Initial, 10 min dwell  
5.4.3, Peel Strength, 48 hrs @ Room Temp  
5.4.4, Peel Strength, At High Temp, 30 min @ 70°C, No Recovery  
5.4.5, Peel Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT  
5.4.6, Peel Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
Toyota Coated SS	5 N / 25 mm	10.9	Pass
Toyota Coated SS	5 N / 25 mm	15.8	Pass
Toyota Coated SS	2 N / 25 mm	20.8	Pass
Toyota Coated SS	5 N / 25 mm	40.9	Pass
Toyota Coated SS	5 N / 25 mm	53.1	Pass

#### SECTION: **5.4 Shear Strength**

ASTM D1002

5.4.2, Shear Strength, Initial, 10 min dwell  
5.4.3, Shear Strength, 48 hrs @ Room Temp  
5.4.4, Shear Strength, At High Temp, 30 min @ 70°C, No Recovery  
5.4.5, Shear Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT  
5.4.6, Shear Strength, After Humidity, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
Toyota Coated SS	90 kPa	209.6	T Pass
Toyota Coated SS	90 kPa	255.4	T Pass
Toyota Coated SS	40 kPa	222.2	T Pass
Toyota Coated SS	90 kPa	245.4	T Pass
Toyota Coated SS	90 kPa	235.0	T Pass

#### SECTION: **5.5 Creep Shear**

ASTM D3654

5.5.1, Shear, Before Heat Aging, 30 mins @ 70°C, 100 hrs @ 70°C under 0.3 N Load  
100 hrs @ 70°C under 0.3 N Load  
5.5.1, Shear, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, 30 mins @ 70°C,  
100 hrs @ 70°C under 0.3 N Load

Substrate	Specification	Results	Status
Toyota Coated SS	< 2 mm slip	No Slip	Pass
Toyota Coated SS	< 2 mm slip	No Slip	Pass

#### SECTION: **5.5 Creep Peel**

ASTM D3654

5.5.2, Creep, Before Heat Aging, 30 mins @ 70°C,  
100 hrs @ 70°C under 0.3 N Load  
5.5.2, Creep, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, 30 mins @ 70°C,  
100 hrs @ 70°C under 0.3 N Load

Substrate	Specification	Results	Status
Toyota Coated SS	< 3 mm slip	1.0	Pass
Toyota Coated SS	< 3 mm slip	No Slip	Pass

CERTIFIED BY:

  
David Nichols II, Automotive Lab Technician

ISSUE DATE: 1-1-25

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.

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Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

This laboratory is not accredited for the calibrations or tests marked \*.