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TEST REPORT

PRODUCT: **FT 8217**
SUPPORT: **PET-FELT**
SUBSTRATE: **SS-COATED SS**
CERT NO.: **221221 - 1445**



TOYOTA TSK 5702G CLASS 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

Substrate	Specification	Results	Status
-	> 0.17 < 0.2 mm	0.2	Pass

SECTION: **5.3 Peel Strength**

5.3, Peel Strength, Initial
5.3.2, Peel Strength, 30 min @ 70°C, No Recovery
5.3.3, Peel Strength, 96 hrs @ 70°C, 24 hrs @ RT
5.3.4, Peel Strength, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
SS	10 N / 25 mm	32.9	Pass
SS	5 N / 25 mm	8.4	Pass
SS	15 N / 25 mm	21.1	Pass
SS	10 N / 25 mm	37.0	Pass

SECTION: **5.3 Shear Strength**

5.3.1, Shear Strength, Initial
5.3.2, Shear Strength, 30 min @ 70°C, No Recovery
5.3.3, Shear Strength, 96 hrs @ 70°C, 24 hrs @ RT
5.3.4, Shear Strength, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
SS	150 kPa	378.9	Pass
SS	40 kPa	265.7	Pass
SS	350 kPa	400.6	Pass
SS	200 kPa	230.4	Pass

SECTION: **5.3.5 Holding Power**

5.3.5, Shear Strength, Condition 30 mins @ 40°C, 2 hrs @ 40°C under 500 g

Substrate	Specification	Results	Status
SS	> 2 hrs	3.0	Pass

SECTION: **5.4 Peel Strength**

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, After Humidity, 96 hrs @ 50°C / 95% RH, No Recovery

Substrate	Specification	Results	Status
Coated SS - Felt	5 N / 25 mm	26.6	Pass
Coated SS - Felt	5 N / 25 mm	27.2	Pass
Coated SS - Felt	2 N / 25 mm	7.4	Pass
Coated SS - Felt	5 N / 25 mm	30.7	Pass
Coated SS - Felt	5 N / 25 mm	25.1	Pass

SECTION: **5.4 Shear Strength**

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
Coated SS - Felt	90 kPa	192.9	Pass
Coated SS - Felt	90 kPa	229.5	Pass
Coated SS - Felt	40 kPa	116.1	Pass
Coated SS - Felt	90 kPa	249.7	Pass
Coated SS - Felt	90 kPa	214.3	Pass

SECTION: **5.5 Creep**

5.5.1, Shear, Before Heat Aging, 30 mins @ 70°C, 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
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
Coated SS - Felt	< 2 mm slip	No Slip	Pass
Coated SS - Felt	< 2 mm slip	No Slip	Pass
Coated SS - Felt	< 3 mm slip	2.6	Pass
Coated SS - Felt	< 3 mm slip	1.1	Pass

CERTIFIED BY:

Dave Nichols Jr, 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 *.