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PRODUCT: FT 1165  
SUPPORT: XLPE FOAM  
SUBSTRATE: SS-COATED SS  
CERT NO.: 221221 - 1447

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, XLPE FOAM

Substrate	Specification	Results	Status
-	> 0.13 < 0.21 in	NA	-
-	> 0.13 < 0.21 in	NA	-

##### SECTION: 5.3 Peel Strength

ASTM D3330

5.3, Peel Strength, Initial, 10 min dwell

Substrate	Specification	Results	Status
SS	10 N / 25 mm	14.3	Pass
SS	5 N / 25 mm	9.5	Pass
SS	15 N / 25 mm	19.8	Pass
SS	10 N / 25 mm	13.6	Pass

##### SECTION: 5.3 Shear Strength

ASTM D1002

5.3.1, Shear Strength, Initial, 10 min dwell

Substrate	Specification	Results	Status
SS	150 kPa	329.5	Pass
SS	40 kPa	302.1	Pass
SS	350 kPa	350.1	Pass
SS	200 kPa	319.4	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	150	Pass

##### SECTION: 5.4 Peel Strength

ASTM D3330

5.4.2, Peel Strength, Initial, 10 min dwell

Substrate	Specification	Results	Status
Toyota Coated SS	5 N / 25 mm	8.0	Pass
Toyota Coated SS	5 N / 25 mm	15.8	T Pass
Toyota Coated SS	2 N / 25 mm	5.9	Pass
Toyota Coated SS	5 N / 25 mm	20.4	T Pass
Toyota Coated SS	5 N / 25 mm	11.9	Pass

##### SECTION: 5.4 Shear Strength

ASTM D1002

5.4.2, Shear Strength, Initial, 10 min dwell

Substrate	Specification	Results	Status
Toyota Coated SS	90 kPa	114.2	T Pass
Toyota Coated SS	90 kPa	116.0	T Pass
Toyota Coated SS	40 kPa	88.8	T Pass
Toyota Coated SS	90 kPa	120.6	T Pass
Toyota Coated SS	90 kPa	104.6	T Pass

##### SECTION: 5.5 Creep Shear

ASTM D3654

5.5.1, Shear, Before Heat Aging, 30 mins @ 70°C,

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

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

##### SECTION: 5.5 Creep Peel

ASTM D3654

5.5.2, Creep, Before Heat Aging, 30 mins @ 70°C,

Substrate	Specification	Results	Status
Toyota Coated SS	< 3 mm slip	2.1	Pass
Toyota Coated SS	< 3 mm slip	3.0	Pass

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

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.

This certificate or report shall not be reproduced except in full, without the written approval of the Avery Dennison Performance Tapes.

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 \*.