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TEST REPORT  
PRODUCT: FT F3315AZ  
SUPPORT: 2 MIL PET - FELT  
SUBSTRATE: SS - COATED SS  
CERT NO.: 240329 - 0713

TOYOTA TSK 5702GCLASS-3  
OEM Rev Date: May 14  
Double Coated Adhesive Tapes for Interior Trim Materials  
Class 3 for adhesion of vinyl chloride coated fabrics



#### TAPE REQUIREMENTS:

##### SECTION: 5.2 Thickness

5.2, Thickness, PET  
5.2, Thickness, Felt

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
-	Report mm	0.1	Reported
-	Report mm	1.4	Reported

##### SECTION: 5.3 Peel Strength

ASTM D3330

5.3, Peel Strength, Initial, 20 min dwell  
5.3.2, Peel Strength, At High Temp in Chamber, 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

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
SS	5 N / 25 mm	19.4	Pass
SS	4 N / 25 mm	23.5	Pass
SS	15 N / 25 mm	27.5	Pass
SS	10 N / 25 mm	37.7	Pass

##### SECTION: 5.3 Shear Strength

ASTM D1002

5.3.1, Shear Strength, Initial, 20 min dwell  
5.3.2, Shear Strength, At High Temp in Chamber, 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

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
SS	150 kPa	334.8	Pass
SS	50 kPa	232.3	Pass
SS	350 kPa	375.4	T Pass
SS	200 kPa	328.3	Pass

##### SECTION: 5.3.5 Holding Power

ASTM D3654

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

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
SS	> 120 mins	5760.0	Pass

##### SECTION: 5.4 Peel Strength

ASTM D3330

5.4.2, Peel Strength, Initial, 20 min dwell  
5.4.3, Peel Strength, 24 hrs @ Room Temp  
5.4.4, Peel Strength, At High Temp in Chamber, 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

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
Toyota Coated SS	3 N / 25 mm	15.4	Pass
Toyota Coated SS	5 N / 25 mm	18.9	Pass
Toyota Coated SS	4 N / 25 mm	6.6	Pass
Toyota Coated SS	13 N / 25 mm	22.2	Pass
Toyota Coated SS	7 N / 25 mm	23.6	Pass

##### SECTION: 5.4 Shear Strength

ASTM D1002

5.4.2, Shear Strength, Initial, 20 min dwell  
5.4.3, Shear Strength, 24 hrs @ Room Temp  
5.4.4, Shear Strength, At High Temp in Chamber, 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

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
Toyota Coated SS	200 kPa	152.8	T Pass
Toyota Coated SS	200 kPa	150.5	T Pass
Toyota Coated SS	50 kPa	120.7	T Pass
Toyota Coated SS	200 kPa	159.2	T Pass
Toyota Coated SS	200 kPa	133.6	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 1 N Load

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
Toyota Coated SS	< 4 mm slip	No Slip	Pass

5.5.1, Shear, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT, 30 mins @ 70°C,  
100 hrs @ 70°C under 1 N Load

<u>Substrate</u>	<u>Specification</u>	<u>Results</u>	<u>Status</u>
Toyota Coated SS	< 4 mm slip	No Slip	Pass



**TOYOTA TSM0505G-1A** Class C1  
 Smell Quality Of Non-metallic Materials  
 1A Influence on Cabin Smell  
 Pillar Garnish, Head Lining, Visor, Lower Instrument Panel, Seat Or Door Trim



SECTION 5.6 Smell Test*	Single Part Only	Equip	Evaluation	Specification	Result
<b>Dry Condition</b>		N/A			
5.6.1 Initial, Intensity, 1 hr @ 80°C			Not Tested	3 min	Not Tested
5.6.1 Initial, Pleasantness / Unpleasantness, 1 hr @ 80°C			Not Tested	-1.5 max	Not Tested
5.6.1 Initial, Nature Of Smell, 1 hr @ 80°C			Not Tested	1 max	Not Tested
5.6.1 Initial, Bodily Sensation, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.1.1 Initial, Bodily Sensation Rating			Not Tested	Rating	Not Tested
5.6.1 Initial, Material Smell, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.1.1 Initial, Material Smell Rating			Not Tested	Rating	Not Tested
5.6.1 After Aging, Intensity, 1 hr @ 80°C			Not Tested	3 min	Not Tested
5.6.1 After Aging, Pleasantness / Unpleasantness, 1 hr @ 80°C			Not Tested	-1.5 max	Not Tested
5.6.1 After Aging Nature Of Smell, 1 hr @ 80°C			Not Tested	1 max	Not Tested
5.6.1 After Aging, Bodily Sensation, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.1.1 After Aging, Bodily Sensation Rating			Not Tested	Rating	Not Tested
5.6.1 After Aging, Material Smell, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.1.1 After Aging, Material Smell Rating			Not Tested	Rating	Not Tested
<b>Wet Condition</b>		Equip	Evaluation		Result
5.6.2 Initial, Intensity, 1 hr @ 80°C	N/A		Not Tested	3.5 min	Not Tested
5.6.2 Initial, Pleasantness / Unpleasantness, 1 hr @ 80°C			Not Tested	-2 max	Not Tested
5.6.2 Initial, Nature Of Smell, 1 hr @ 80°C			Not Tested	1 max	Not Tested
5.6.2 Initial, Bodily Sensation, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.2.1 Initial, Bodily Sensation Rating			Not Tested	Rating	Not Tested
5.6.2 Initial, Material Smell, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.2.1 Initial, Material Smell Rating			Not Tested	Rating	Not Tested
5.6.2 After Aging, Intensity, 1 hr @ 80°C			Not Tested	3.5 min	Not Tested
5.6.2 After Aging, Pleasantness / Unpleasantness, 1 hr @ 80°C			Not Tested	-2 max	Not Tested
5.6.2 After Aging Nature Of Smell, 1 hr @ 80°C			Not Tested	1 max	Not Tested
5.6.2 After Aging, Bodily Sensation, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.2.1 After Aging, Bodily Sensation Rating			Not Tested	Rating	Not Tested
5.6.2 After Aging, Material Smell, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.2.1 After Aging, Material Smell Rating			Not Tested	Rating	Not Tested
<b>Water Extracting Condition</b>		Equip	Evaluation		Result
5.6.3 Initial, Intensity, 1 hr @ 80°C	N/A		Not Tested	2 min	Not Tested
5.6.3 Initial, Pleasantness / Unpleasantness, 1 hr @ 80°C			Not Tested	-1 max	Not Tested
5.6.3 Initial, Nature Of Smell, 1 hr @ 80°C			Not Tested	1 max	Not Tested
5.6.3 Initial, Bodily Sensation, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.3.1 Initial, Bodily Sensation Rating			Not Tested	Rating	Not Tested
5.6.3 Initial, Material Smell, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.3.1 Initial, Material Smell Rating			Not Tested	Rating	Not Tested
5.6.3 After Aging, Intensity, 1 hr @ 80°C			Not Tested	2 min	Not Tested
5.6.3 After Aging, Pleasantness / Unpleasantness, 1 hr @ 80°C			Not Tested	-1 max	Not Tested
5.6.3 After Aging Nature Of Smell, 1 hr @ 80°C			Not Tested	1 max	Not Tested
5.6.3 After Aging, Bodily Sensation, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.3.1 After Aging, Bodily Sensation Rating			Not Tested	Rating	Not Tested
5.6.3 After Aging, Material Smell, 1 hr @ 80°C			Not Tested	Description	Not Tested
5.6.3.1 After Aging, Material Smell Rating			Not Tested	Rating	Not Tested

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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