



# TEST REPORT



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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:

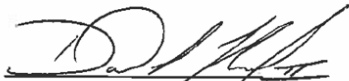
| SECTION:                                                                                                  | Thickness | ASTM       | Substrate        | Specification        | Results        | Status        |
|-----------------------------------------------------------------------------------------------------------|-----------|------------|------------------|----------------------|----------------|---------------|
| 5.2, Thickness, PET                                                                                       |           |            | -                | Report mm            | 0.1            | Reported      |
| 5.2, Thickness, Felt                                                                                      |           |            | -                | Report mm            | 1.4            | Reported      |
| SECTION: <b>5.3 Peel Strength</b>                                                                         |           | ASTM D3330 | <u>Substrate</u> | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
| 5.3, Peel Strength, Initial, 20 min dwell                                                                 |           |            | SS               | 5 N / 25 mm          | 19.4           | Pass          |
| 5.3.2, Peel Strength, At High Temp in Chamber, 30 min @ 70°C, No Recovery                                 |           |            | SS               | 4 N / 25 mm          | 23.5           | Pass          |
| 5.3.3, Peel Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT                                        |           |            | SS               | 15 N / 25 mm         | 27.5           | Pass          |
| 5.3.4, Peel Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery                                    |           |            | SS               | 10 N / 25 mm         | 37.7           | Pass          |
| SECTION: <b>5.3 Shear Strength</b>                                                                        |           | ASTM D1002 | <u>Substrate</u> | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
| 5.3.1, Shear Strength, Initial, 20 min dwell                                                              |           |            | SS               | 150 kPa              | 334.8          | Pass          |
| 5.3.2, Shear Strength, At High Temp in Chamber, 30 min @ 70°C, No Recovery                                |           |            | SS               | 50 kPa               | 232.3          | Pass          |
| 5.3.3, Shear Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT                                       |           |            | SS               | 350 kPa              | 375.4          | T Pass        |
| 5.3.4, Shear Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery                                   |           |            | SS               | 200 kPa              | 328.3          | Pass          |
| SECTION: <b>5.3.5 Holding Power</b>                                                                       |           | ASTM D3654 | <u>Substrate</u> | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
| 5.3.5, Shear Strength, 2 hrs @ 40°C under 5 N                                                             |           |            | SS               | > 120 mins           | 5760.0         | Pass          |
| SECTION: <b>5.4 Peel Strength</b>                                                                         |           | ASTM D3330 | <u>Substrate</u> | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
| 5.4.2, Peel Strength, Initial, 20 min dwell                                                               |           |            | Toyota Coated SS | 3 N / 25 mm          | 15.4           | Pass          |
| 5.4.3, Peel Strength, 24 hrs @ Room Temp                                                                  |           |            | Toyota Coated SS | 5 N / 25 mm          | 18.9           | Pass          |
| 5.4.4, Peel Strength, At High Temp in Chamber, 30 min @ 70°C, No Recovery                                 |           |            | Toyota Coated SS | 4 N / 25 mm          | 6.6            | Pass          |
| 5.4.5, Peel Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT                                        |           |            | Toyota Coated SS | 13 N / 25 mm         | 22.2           | Pass          |
| 5.4.6, Peel Strength, At Humidity, 96 hrs @ 50°C / 95% RH, No Recovery                                    |           |            | Toyota Coated SS | 7 N / 25 mm          | 23.6           | Pass          |
| SECTION: <b>5.4 Shear Strength</b>                                                                        |           | ASTM D1002 | <u>Substrate</u> | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
| 5.4.2, Shear Strength, Initial, 20 min dwell                                                              |           |            | Toyota Coated SS | 200 kPa              | 152.8          | T Pass        |
| 5.4.3, Shear Strength, 24 hrs @ Room Temp                                                                 |           |            | Toyota Coated SS | 200 kPa              | 150.5          | T Pass        |
| 5.4.4, Shear Strength, At High Temp in Chamber, 30 min @ 70°C, No Recovery                                |           |            | Toyota Coated SS | 50 kPa               | 120.7          | T Pass        |
| 5.4.5, Shear Strength, After Heat Aging, 96 hrs @ 70°C, 24 hrs @ RT                                       |           |            | Toyota Coated SS | 200 kPa              | 159.2          | T Pass        |
| 5.4.6, Shear Strength, After Humidity, 96 hrs @ 50°C / 95% RH, No Recovery                                |           |            | Toyota Coated SS | 200 kPa              | 133.6          | T Pass        |
| SECTION: <b>5.5 Creep Shear</b>                                                                           |           | ASTM D3654 | <u>Substrate</u> | <u>Specification</u> | <u>Results</u> | <u>Status</u> |
| 5.5.1, Shear, Before Heat Aging, 30 mins @ 70°C, 100 hrs @ 70°C under 1 N Load                            |           |            | 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 |           |            | 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>                                          |                  |              |            |               |            |
| 5.6.1 Initial, Intensity, 1 hr @ 80°C                         |                  | N/A          | 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>                                          |                  |              |            |               |            |
| 5.6.2 Initial, Intensity, 1 hr @ 80°C                         |                  | Equip<br>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>                             |                  |              |            |               |            |
| 5.6.3 Initial, Intensity, 1 hr @ 80°C                         |                  | Equip<br>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: 1-1-24

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 \*.