

KES

Test Method of Both Side Pressure Tape

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1. Scope of application

This standard shall specify test method of both side pressure tape used for inner and outer accessories of automobile.

2. Test items

Test items specified at this standard is as following

- (1) Initial narrow area adhesive stiffness (kg/mm)
- (2) Initial whole space adhesive stiffness (kg/cm²)
- (3) Narrow area adhesive stiffness according to temperature (kg/mm)
- (4) Whole space adhesive stiffness according to temperature (kg/cm²)
- (5) Water resistant narrow area adhesive stiffness (kg/mm)
- (6) Water resistant whole space adhesive stiffness (kg/cm²)
- (7) Heat resistant aging narrow area adhesive stiffness (kg/mm)
- (8) Heat resistant aging whole space adhesive stiffness (kg/cm²)

3. General condition of test

- (1) Standard state of test

This test is executed in a room of temperature 20±5 °C, relative humidity 65±10 %

- (2) Sample picking method

Extract a sample from a packed product of amount necessary for test from the lot that the quality is same or so.

- (3) Pretreatment of a test piece

Pretreatment of a test piece refers to table 1.

- (4) Sort of samples

Use currently used adhered material for a sample or use samples of the quality of the materials in KS M 3701 (Test method of adhesive for automobile) and table 1.

Table 1

Sort of samples	Method of pretreatment
Canvas paper	Remove defects that prevent adhesion clearly.
Artificial leather	
Plastic film	Remove defects clearly using methanol of reagent level.
Coated steel plate	
Steel plate	After washing with solvent such as acetone of reagent level, toluene and grinding by KS L 6003 (Grinding paper) #220, remove defects clearly using methanol of reagent level.