

KES

Cloth Tape for Wire Harness

KES B-L027

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1. Scope of Application

This standard specifies the quality standards of the cloth type adhesive tape used to affix the wire harness between the inner and outer panels of automobiles

2. Material Symbol

The material symbol of the wire harness is defined as A-TH01.

3. Quality

The wire harness tape is made by applying adhesion treatment to cloth. The adhesive force must not decrease with time and shall have a uniform physical appearance.

The evaluation results (accumulated in accordance with the corresponding testing methods indicated in section 4) must satisfy the quality standards indicated in Table 1.

4. Testing Method

4.1 Test Conditions

(1) Standard conditions of the testing place: shall conform to 4.1 of KS A 1107. (Testing methods of pressure sensitive adhesive tapes and sheets)

(2) Pre-handling conductions

Each test piece is used after 2 hours of exposure to the standard conditions given in the previous clause.

4.2 Sampling Method

Shall conform to 4.22 of KS A 1107.

4.3 Setting agent

In principle, the steel plate (Painted by electrodeposition) used in the painting line of our company is used as the setting agent. In case the plates are difficult to purchase, other materials can be used as the setting agent with the approval of the responsible departments. On those occasions, the states and the qualities of the materials are seconded.

4.4 Numerical Treatment of Evaluation Results

Shall conform to 4.3 of KS A 1107.

4.5 Thickness

Shall conform to 5 of KS A 1107.

4.6 Tensile Strength and Elongation

Shall conform to 6 of KS A 1107.

4.7 Adhesive Force

Shall conform to 8 of KS A 1107. The width of the tape is adjusted cut to 25mm. A roller weighing 2kg rolls over the tape twice to adhere the tape.