

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

PVC FOIL SELF ADEHSIVE

EDS-M-6801

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VERSION: 4

1. PURPOSE

This standard specifies the physical properties and controlling quality of the PVC-foil used in automotive exterior trim.

2. SCOPE

For explanations, cautions and decoration of automotive exterior trim and

3. MATERIAL

PVC-foil covered with protectant in the both side and applied with adhesive in one side.

4. REQUIREMENTS

DESIGNATIONS	TEST METHODS	SPECIFICATION
4.1. Structure 4.1.1. Foil (without adhesive) (1) Material (2) Weight per unit area (3) Thickness 4.1.2. Adhesive (1) Material 4.1.3. Protectant of adhesive side (1) Adhesive strength 4.1.4. Protectant of foil side (1) Adhesive strength	EDS-T-7611 EDS-T-7624-1A	Soft PVC of 100 Weight % 55 g/m ² min. 0.05 mm min. Determination with IR-spectrum for initial sample No adhesive damage, when it separated. No printed letter damage of foil side, when it separated.
4.2. Requirements for foil (Test shall be performed on foil applied with adhesive without a protectant.) 4.2.1. Tensile strength (Longitudinal direction) 4.2.2. Elongation at break (1) Longitudinal direction (2) Longitudinal direction (Metal model) 4.2.3. Elongation under static load (10N) (1) Longitudinal direction (2) Longitudinal direction (Metal model)	EDS-T-7132-F EDS-T-7132-F EDS-T-7132-F	14 N/mm ² min. 180 ~ 280 % 50% min. 30 ~ 40 % 0.5 ~ 2.5%