

EDS

Engineering,
GM DAEWOO Auto & Technology
Standards

PVC FILM SELF ADHESIVE ③

EDS-M-6803

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VERSION: 3

1. PURPOSE

This specification aims at specifying and controlling the requirements of basic property for patterns and qualities of PVC film used for car upholstery.

2. SCOPE

This specification applies to the PVC film on the polyamide 6 or fiber glass-reinforced products.

3. MATERIAL

PVC films whose both sides are covered with protective covers and one side with adhesive.

4. REQUIREMENT

Designations	Test Methods	Specifications
4.1. Weight per unit area	EDS-T-7611	515 ~ 550 g/m ²
4.2. Structure		
4.2.1. Film(Without adhesives)		
(1) Material		100 Weight % soft PVC
(2) Weight per unit area	EDS-T-7611	270 g/m ² min.
(3) Thickness	EDS-T-7624-1A	0.2 ~ 0.3 mm
4.2.2. Protective cover of adhesive surface		
(1) Material		Paper with silicon coating on one side
(2) Tensile strength	EDS-T-7132-J	78 N/cm min (To be larger than adhesion force of adhesion surface)
4.2.3. Protective cover of film surface		
(1) Material		Rubber coated paper
(2) Tensile strength	EDS-T-7132-J	15 N/cm min (To be larger than adhesion force of adhesion surface)
4.2.4. Adhesives		
(1) Material		Acrylic butyl ester
4.3. Requirements for films		
(Tests shall be performed with films coated with adhesive without protective cover.)		
4.3.1. Tensile strength (In longitudinal direction)	EDS-T-7132-F	1370 N/cm ² min
4.3.2. Elongation at break (In longitudinal direction)	EDS-T-7132-F-	150 ~ 200%
4.3.3 Temperature stability	EDS-T-7604-3B	
(1) Size change (In longitudinal direction)		±3% max.