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### TEST REPORT

PRODUCT: UHMW BLUE 527 UV  
SUPPORT: POLYETHYLENE  
SUBSTRATE: PC/ABS  
CERT NO.: 240318 - 1203



FORD ESB M3G123-B  
OEM Rev Date: Jan 20  
Tape, Polyethylene, Pressure Sensitive, Interior (Antisqueak)

### 3.3 FILM PROPERTIES

#### SECTION: 3.3.1 Color

3.3.1 Color

Specification  
Transparent

Results  
Transparent

Status  
Pass

#### SECTION: 3.3.2 Thickness

3.3.2 Film plus Adhesive  
3.3.2 Release Liner

Specification  
0.13 mm min  
0.08 mm min

Results  
0.17  
0.09

Status  
Pass  
Pass

#### SECTION: 3.3.3 Tensile Strength

ASTM D1000

3.3.3 Tensile Strength,  
3.3.3 Elongation at Break

Specification  
5.2 N / mm min  
200 % min

Results  
6.69  
332.8

Status  
Pass

#### SECTION: 3.4 Fogging

FLTMB0 116-03

3.4 Fogging, 3 hrs @ 100°C, 21°C Cooling, 16 hrs @ RT

Specification  
60 Units min

Results  
79.4

Status  
Pass

#### SECTION: 3.6 Adhesion

ASTM D1000

3.6.1.1, As Received, 48 hrs @ RT  
3.6.2.1, Aged, 72 hrs @ 70°C  
3.6.2.1, RH Aged, 48 hrs @ 38°C / 95-100% RH  
3.6.2.1, Cycles (5x) 4 hrs @ 70°C  
4 hrs @ 38°C / 95-100% RH  
16 hrs @ -30C

Specification  
175 N / m min  
274 N / m min  
274 N / m min  
274 N / m min  
  
274 N / m min

Results  
1075.6  
816.8  
1337.2  
894.0

Status  
Pass  
Pass  
Pass  
Pass

#### SECTION 3.8 Resistance Properties

3.8.1, RH, 7 days @ 38°C / 95-100% RH  
3.8.2, Heat and Cold Resistance (5x)  
2 hrs @ 100°C  
2 hrs @ -30°C  
3.8.3, Heat Resistance, 30 mins @ 120°C  
3.8.4, Fluorescent Sun Lamp Staining, 240 hrs

Specification  
No Edge Curling,  
Delamination,  
Yellowing or  
Adhesion Loss

Results  
Stable, No Lifting, Delamination or Edge Curl  
Stable, No Lifting, Delamination or Edge Curl  
  
Stable, No Lifting, Delamination or Edge Curl  
Not Tested

Status  
Pass  
Pass  
  
Pass  
Not Tested

#### SECTION 3.9 Heat Aging

3.9, 7 days @ 80°C

Specification  
No Edge Curl, Stain  
or Color Change

Results  
Good, No Color Changing, Staining or Edge Curl

Status  
Pass

#### SECTION: 3.10 Flammability

ISO 3795/SAE J369)

3.10 Initial, Component

Specification  
100 mm / min

Results  
< B 25

Status  
Pass

#### SECTION: 3.12 Odor

SAE J1351

3.12 Odor, Dry - 1 hr @ 65°C

Specification  
2 Rating max max

Results  
Not Tested

Status  
Not Tested

#### SECTION 3.13 Abrasion Resistance

FLTMBN 108-02

3.13 CS-10, 1000 g Load - 2000 Cycles

Specification  
No Wear Thru

Results  
No Wear Thru

Status  
Pass

#### SECTION 3.14 Scuffing Resistance

FLTMBN 108-04

3.14 Scuffing Resistance, 900 g Load - 2000 Cycles

Specification  
No Cracking or  
Peeling

Results  
Not Tested

Status  
Not Tested

CERTIFIED BY:

David Nichols II, Automotive Lab Technician

ISSUE DATE: 1-1-25

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 \*.