



ENGINEERING MATERIAL SPECIFICATION

Material Name

File Control No.

Specification Number

CARPET, NON-WOVEN, VELOUR

SMT5003HE5875 SK-M3H9524-A
SMT5003HE5877 DELTA SK-M3H9524-B
SMT5003HE5876 SK-M3H9524-C
SMT5003HE5878 DELTA SK-M3H9524-D
SMT5003HE5730 SK-M3H9524-E
SMT5003HE5731 DELTA SK-M3H9524-F

1. SCOPE

SK-M3H9524-A/ DELTA B

The material defined by this specification is a simulated velour, needled non-woven polypropylene carpet with a synthetic latex reverse side impregnation and has expanded latex backcoating. Excluded modified polypropylene rubstrips are bonded to the face side of this carpet where specified on Engineering drawing.

SK-M3H9524-C/ DELTA D

The material defined by this specification is a simulated velour, needled non-woven polypropylene carpet with a synthetic latex reverse side impregnation.

SK-M3H9524-E/ DELTA F

The material defined by the specification is a lower weight velour, needled non-woven polypropylene carpet with a synthetic latex reverse side impregnation and has an additional heavy weight expanded latex backcoating.

2. APPLICATION

This specification was released originally for material used as a load space floor covering. It is not recommended for moulded passenger compartment floor coverings.

3. REQUIREMENTS

3.1 CARPET

In addition to the requirements quoted herein, this material must meet the requirements of the General Performance Specification for automotive carpets SKM8P9502A, except for "Extension Ratio of unravalled Pile Yarn", "Pile Tuft Pull Strength", and "Fastness to Light".

Date	Release No.	Release/Revision
1989 02 28	B/031521TC	Retyped minor changes, was 10 sheets
1986 09 02	SM/ER 3629 TC	Suffix E & F added, retyped 3,1 12,1 revised
1982 08 15	SM/ER1175TC	Released

WP 3948-a

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ENGINEERING MATERIAL SPECIFICATION

SK-M3H9524-A/F

3.1.1 Weight g/m², min
(FLTM EU-BN 6-1)

	SK-M3H9524-A Delta B	SK-M3H9524-C Delta D	SK-M3H9524-E Delta F
Fibre Felt	550	500	400
Backcoating	200-300	200-300	60
Expanded SBR Latex	500-600	-	1500
Total	1250	550	1960

3.1.2 Composition

Fibre, 100 % Polypropylene fibre, high UV stability, spun dyed

Backcoating	synthetic latex	69 - 75 %
	natural latex	25 - 31 %

Expanded Backing	synthetic latex	69 - 75 %
	natural latex	25 - 31 %

3.1.3 Construction

3.1.3.1 Fibre Size
(ASTM D 1910, Method 27-39)17 dTex, 90 mm staple length,
Polypropylene

3.1.3.2 Needle Gauge	
Needle Ribs/10 cm, min	28

3.1.4 Thickness, min

SK-M3H9524-A & DELTA B	7 mm
SK-M3H9524-C & DELTA D	6 mm
SK-M3H9524-E & DELTA F (ISO 1765)	7 mm

3.1.5 Breaking Strength, min
(ASTM D 1682, GT, Test Speed, 300 mm/minute)

WMD, min N	600
AMD, min N	500