

MIL-STD-670B  
NOTICE 1  
14 April 1986

MILITARY STANDARD

CLASSIFICATION SYSTEM AND TESTS  
FOR CELLULAR ELASTOMERIC MATERIALS

MIL-STD-670B, dated 30 January 1968, is inactive for new design and shall no longer be used except in the procurement of replenishment spares as necessary to maintain equipment in the field until obsolescence or wear out.

New designs should refer to the applicable portions of the following American Society for Testing and Materials (ASTM) standards:

<u>Number</u>	<u>Title</u>
1. ASTM D1055	Flexible Cellular Materials-Latex Foam
2. ASTM D1056	Flexible Cellular Materials-Sponge or Expanded Rubber
3. ASTM D1565	Flexible Cellular Materials-Vinyl Chloride Polymers and Copolymers (Open-Cell Foam)
4. ASTM D1667	Flexible Cellular Materials-Vinyl Chloride Polymers and Copolymers (Closed-Cell Vinyl)
5. ASTM D3574	Flexible Cellular Materials-Slab, Bonded, and Molded Urethane Foams

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

Cross-Reference Information

The cross-reference information contained in this notice is intended to facilitate the use of the ASTM standards cited above in lieu of MIL-STD-670B.

ASTM D1055/MIL-STD-670B

The grade numbers in ASTM D1055 are the same as those in table I of MIL-STD-670B.

AMSC N/A

/FSC 9320/

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TABLE I. Cross-Reference to ASTM D1056.

ASTM D1056 Grades Nos.	MIL-STD-670B Grades Nos.	ASTM D1056 Grade Nos.	MIL-STD-670B Grade Nos.
RO 10	RO 1	RE 41	SBE 3
RO 11	RO 3	RE 42	SBE 7
RO 12	RO 7	RE 43	SBE 11
RO 13	RO 11	RE 44	SBE 15
RO 14	RO 15	RE 45	SBE 20
RO 15	RO 20		
SBO 10	SBO 1	RE 41	SCE 3
SBO 11	SBO 3	RE 42	SCE 7
SBO 12	SBO 7	RE 43	SCE 11
SBO 13	SBO 11	RE 44	SCE 15
SBO 14	SBO 15	RE 45	SCE 20
SBO 15	SBO 20		
SCO 10	SCO 1	TO 11	TO 3
SCO 11	SCO 3	TO 12	TO 7
SCO 12	SCO 7	TO 13	TO 12
SCO 13	SCO 11	TO 14	TO 18
SCO 14	SCO 15	TO 15	TO 25
SCO 15	SCO 20		
RE 41	RE 3	TE 41	TE 3
RE 42	RE 7	TE 42	TE 7
RE 43	RE 11	TE 41	TE 12
RE 44	RE 15	TE 44	TE 18
RE 45	RE 20	TE 45	TE 25

TABLE II. Cross Reference to ASTM D1565.

ASTM D1565 Grades Nos.	MIL-STD-670B Grades Nos.	ASTM D1565 Grade Nos.	MIL-STD-670B Grade Nos.
VC 5	VC 5	VU 10	VU 10
VC 10	VC 10	VU 20	VU 20
VC 15	VC 15	VU 35	VU 35
VC 20	VC 20	VU 55	VU 55
VC 25	VC 25	VU 80	VU 80
VC 30	VC 30	VU 150	VU 150
VC 40	VC 40		
VC 50	VC 50	VO 11	VO 3
VC 60	VC 60	VO 12	VO 7
VC 70	VC 70	VO 13	VO 11
VC 80	VC 80	VO 14	VO 15
VC 90	VC 90		

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TABLE III. Cross-Reference to ASTM D1667.

ASTM D1667 Grade Nos.	MIL-STD-670B Grade Nos.
VE 40	VE 1
VE 41	VE 3
VE 42	VE 7
VE 43	VE 11
VE 44	VE 15
VE 45	VE 20

TABLE IV. Cross-Reference to ASTM D3574.

ASTM D3574 Grade Nos.	MIL-STD-670B Grade Nos.
USC 10 or UMC 10	UC 10
USC 15 or UMC 15	UC 15
USC 20 or UMC 20	UC 20
USC 25 or UMC 25	UC 25
USC 30 or UMC 30	UC 30
USU 10 or UMU 10	UU 10
USU 15 or UMU 15	UU 15
USU 20 or UMU 20	UU 20
USU 25 or UMU 25	UU 25
USU 30 or UMU 30	UU 30

1/ See Appendix XI in ASTM D3574

Preparing Activity:

Army -- MR

