

MIL-R-6855/2  
16 February 1987

# MILITARY SPECIFICATION SHEET

## RUBBER, SYNTHETIC, STRIP (OR TAPE)

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirement for acquiring the strips described herein shall consist of this specification and the latest issue of MIL-R-6855.

### REQUIREMENTS:

#### Part Numbers:

Part numbers shall consist of the prefix M, specification number, specification sheet number, and a six-digit dash number assigned using Tables I, II, III, and IV herein, as shown in the following example:

#### EXAMPLE:

M6855/2-XXXXXX

Two-Digit Width Number (Table IV).  
One-Digit Length Number (Table III).  
One-Digit Thickness Letter (Table II).  
Two-Digit Classification Number (Table I).  
M Prefix (Item Defined by Inch-Pound Units), Specification Number, and Specification Sheet Number.

#### Dimensional Tolerances:

Tolerances of MIL-R-6855, Tables I and II, shall apply to strip width and thickness respectively. Tolerance for strip length shall be -0%, +3%.

#### Surface finish:

All synthetic rubber strip surfaces shall be smooth and free from cloth imprint.

#### Physical properties:

Physical properties of Classes 1, 2, and 3 synthetic rubber strips shall conform to MIL-R-6855, Table IV. Classes 4 and 5, synthetic rubber strips shall conform to MIL-R-6855, Table V.

#### Quality Assurance:

Inspection and test of synthetic rubber strips shall be in accordance with MIL-R-6855, Section 4, QUALITY ASSURANCE PROVISIONS.

FSC 4720, 5330, 9320

AMSC: N/A

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TABLE I TYPE, CLASS, GRADE		
Classification Number	Classification of Requirements	
01	CLASS 1	GRADE 30
02	CLASS 1	GRADE 40
03	CLASS 1	GRADE 50
04	CLASS 1	GRADE 60
05	CLASS 1	GRADE 70
06	CLASS 1	GRADE 80
07	TYPE A CLASS 2	GRADE 30
08	TYPE A CLASS 2	GRADE 40
09	TYPE A CLASS 2	GRADE 50
10	TYPE A CLASS 2	GRADE 60
11	TYPE A CLASS 2	GRADE 70
12	TYPE A CLASS 2	GRADE 80
13	TYPE B CLASS 2	GRADE 30
14	TYPE B CLASS 2	GRADE 40
15	TYPE B CLASS 2	GRADE 50
16	TYPE B CLASS 2	GRADE 60
17	TYPE B CLASS 2	GRADE 70
18	TYPE B CLASS 2	GRADE 80
19	CLASS 3	GRADE 30
20	CLASS 3	GRADE 40
21	CLASS 3	GRADE 50
22	CLASS 3	GRADE 60
23	CLASS 3	GRADE 70
24	CLASS 3	GRADE 80
25	TYPE A CLASS 4	GRADE 30
26	TYPE A CLASS 4	GRADE 40
27	TYPE A CLASS 4	GRADE 50
28	TYPE A CLASS 4	GRADE 60
29	TYPE A CLASS 4	GRADE 70
30	TYPE A CLASS 4	GRADE 80
31	TYPE B CLASS 4	GRADE 30
32	TYPE B CLASS 4	GRADE 40
33	TYPE B CLASS 4	GRADE 50
34	TYPE B CLASS 4	GRADE 60
35	TYPE B CLASS 4	GRADE 70
36	TYPE B CLASS 4	GRADE 80
37	CLASS 5	GRADE 30
38	CLASS 5	GRADE 40
39	CLASS 5	GRADE 50
40	CLASS 5	GRADE 60
41	CLASS 5	GRADE 70
42	CLASS 5	GRADE 80

TABLE II STRIP THICKNESS - T	
Strip Thickness Letter	T (Inches)
A	0.015
E	0.031
H	0.062
J	0.093
L	0.125
N	0.187
P	0.250
R	0.375
T	0.500
W	0.625
Y	1.000

TABLE III STRIP LENGTH - L	
Strip Length Number	L (Inches)
1	12.000
2	24.000
3	36.000
4	60.000
5	144.000
6	300.000
7	900.000

TABLE IV STRIP WIDTH - W	
Strip Width Number	W (Inches)
02	0.250
04	0.500
06	0.750
08	1.000
10	1.250
12	1.500
14	1.750
16	2.000
18	3.000
20	4.000
22	5.000
24	6.000

INCH	MM
.015	.38
.031	.79
.062	1.57
.093	2.36
.125	3.18
.187	4.75
.250	6.35
.375	9.53
.500	12.70
.625	15.88
.750	19.05
1.000	25.40
1.250	31.75
1.500	38.10
1.750	44.45
2.000	50.80
3.000	76.20
4.000	101.60
5.000	127.00
6.000	152.40
12.000	304.80
24.000	609.60
36.000	914.40
60.000	1524.00
144.000	3657.60
300.000	7620.00
900.000	22860.00

## NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Use of this specification sheet for US Army Communications-Electronics Command is restricted to Class 4 and Class 5.

## Custodians:

Army - MR  
Navy - AS  
Air Force - 20

## Preparing Activity:

Navy - AS

## Agent

DLA-GS  
(Project 9320-0473-02)

## Review Activities:

Army - AR, AT, AV, CR, ER, MI  
Air Force - 82, 99  
Navy - OS, SH  
DLA - CS, GS, IS

## User Activity:

Army - CE  
Navy - YD