

UNSUPPORTED, SELF-ADHERING, RECTANGULAR, SILICONE TAPE**PHYSICAL AND ELECTRICAL PROPERTIES**

Mox-Tape 600-R Rectangular Series Tape is produced in the form of a flat rectangular cross section available in 12 yard rolls. Each tape is interleaved with a quick release film. Mox-tapes are self-bonding and self-fusing. After curing at room temperature for 24 hours, the tape forms an inseparable silicone layer that must be cut for removal.

Dielectric Strength (Before Stretching)	
All Sizes Except 632-1 1/4	400 VPM Minimum
632-1 1/4 Only	350 VPM Minimum
Hardness	
Shore "A" (ASTM D2240)	50 +/- 10
Tensile Strength	
(ASTM D-412)	750 PSI Minimum
Elongation	
At Break (ASTM D-412)	350% Minimum
Temperature Range	-65° to +500° F
Resistivity	
Volume Resistivity (ASTM D991)	10 ¹³ ohm/cm. Minimum
Adhesion	
Tackiness (ASTM D2140)	2 P.P.I.
Military Specification	MIL-I-46852C Type I CID A-A-59163 Type I

NOTE: The above properties are published as a guide only, and should not be used for specification without testing in your own laboratory.

For Pricing and Information please contact:

KIEPURA AVIATION CORP

61 Church Street

Littleton, NH 03561

Tel: 603-444-3459 • Fax: 603-444-0790

Toll Free: 1-888-522-8273 (USA/Canada)

email: jane@kiepuraaviation.com

MOX-TAPE INFORMATION SHEET

RECTANGULAR TAPE

Silicon Rubber, Unsupported, Self-Adhering with Interleave

Meets MIL-I-46852C Type I

(NOW REPLACED BY A-A-59163 Class 1 Type 1)

12 Yard Rolls

<u>PART NO.</u>	<u>THICKNESS</u>	<u>WIDTH</u>	<u>POUND/ROLL</u> <u>APPROXIMATE</u>	<u>ROLLS/CASE</u>
612-3/4	.012	3/4"	.17	99
612-1	.012	1"	.22	99
612-1 1/4	.012	1 1/4"	.28	84
615-3/4	.015	3/4"	.21	99
615-1	.015	1"	.28	99
620-1/2	.020	1/2"	.19	66
620-3/4	.020	3/4"	.28	66
620-1	.020	1"	.37	66
620-1 1/4	.020	1 1/4"	.46	56
630-1/2	.030	1/2"	.28	55

Standard colors are red and black, specify when ordering.

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600R (Rectangular) Series; 612, 615, 620, 630:

- MIL-I-46852C, TYPE 1
- MIL-I-3825B
- GENERAL ELECTRIC, A50TF8-S3
- HUGHES AVICOM, 611780-0001
- MARTIN MARIETTA, MMS J517-6 TYPE I (RED)
- MARTIN MARIETTA, MMS J523
- ROCKWELL/ROCKETDYNE, TYPE II ST0130RB0078
- SIMMONDS 151786 (RED)
- ROHR, RMS315 TYPE III BLACK (620)
- BF GOODRICH 83311S0CN149448 (620-1 BLACK)

Note: Mox-Tape Products have been designated as an Approved Source for our 600-Series tape in compliance with (CASE) Coordinated Aerospace Supplier Evaluation.

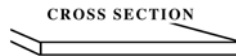
600-R Series



MOX-TAPE

Unsupported Rectangular Tape

The 600-R series Tape is a rectangular Flat silicone rubber tape, used for the protecting, sealing and insulating of complex forms and parts.



Standard Part No.	Thickness (inches)	Width (inches)	Roll Length (yards)	Elongation (% min.)	Tensile Strength (min. PSI)	Dielectric Strength (Min. VPM)
612 - .75	.012	0.75	12	350%	750	400
612 - 1	.012	1.00	12	350%	750	400
612 - 1.25	.012	1.25	12	350%	750	400
615 - .75	.015	0.75	12	350%	750	400
615 - 1	.015	1.00	12	350%	750	400
620 - .5	.020	0.50	12	350%	750	400
620 - .75	.020	0.75	12	350%	750	400
620 - 1	.020	1.00	12	350%	750	400
620 - 1.25	.020	1.25	12	350%	750	400
630 - .5	.030	0.50	12	350%	750	400