

## UNSUPPORTED, SELF-ADHERING, TRIANGULAR, SILICONE TAPE

### PHYSICAL AND ELECTRICAL PROPERTIES

Mox-Tape 600-T Triangular Series Tape is produced in the form of a triangular cross section with a colored guide line running along the peak of the triangle. The guide line facilitates winding of the tape so minimum overlapping is obtained while maximum physical and electrical properties are retained. The tape is interleaved with a quick release film. It is 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)

602-1	450 VPM Minimum
603-1	350 VPM Minimum
604-1, 604-1 1/2	300 VPM Minimum
605-1, 605-1 1/2	275 VPM Minimum
606-1 1/2	250 VPM Minimum
607-1 1/2	225 VPM Minimum

#### Hardness

Shore "A" (ASTM D2240)	50 +/- 10
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#### Tensile Strength (ASTM D412)

700 psi minimum

#### Elongation

At Break (ASTM D412)	350% Minimum
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#### Temperature Range

-65° to +500° F

#### Resistivity

Volume Resistivity (ASTM D991)	10 <sup>13</sup> ohm/cm. Minimum
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#### Adhesion

Tackiness (ASTM D2148)	2 P.P.I.
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#### Military Specification

MIL-I-46852C Type II  
(now replaced by CID A-A-59163 Class I Type II)

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

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

Mox-Tape 600-T Triangular Series Tape is produced in the form of a triangular cross section with a colored guideline running along the peak of the triangle. The guideline facilitates winding of the tape so minimum overlapping is obtained while maximum physical and electrical properties are retained. The tape is interleaved with a quick release film. It is 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) 604-1	300 VPM Minimum
Hardness Shore "A" (ASTM D2240)	50 +/- 10
Tensile Strength (ASTM D412)	700 PSI Minimum
Elongation At Break (ASTM D412)	300% Minimum
Temperature Range	-65° to +500° F
Resistivity Volume Resistivity (ASTM D991)	10 <sup>13</sup> ohm/cm. Minimum
Adhesion Tackiness (ASTM D2148)	2 P.P.I.
Military Specification	MIL-I-46852C TYPE II A-A-59163 Type II

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## Mox-TAPE SPECIFICATION CROSS REFERENCE SHEET

### 600T (Triangular) Series - 602, 603, 604, 605 and 606:

MIL-I-46852C, Type II

DMS-2186, Type II

WS1363A

\* AIRFORCE MANUAL, ISIF-15A-2-00WD-20-1

AIRTRON, 293451 REV. A

ASEA, 1154 6012E-202 (Swedish)

GENERAL ELECTRIC, A50A493A

GENERAL ELECTRIC, A50A493B

GENERAL DYNAMICS SPEC P5384 (604 Black)

GENERAL DYNAMICS P/N 801-800-075 (RED)

GENERAL MOTORS P/N 8292963

GRUMMAN, GT100H

MARTIN MARIETTA, MMS J517-6 TYPE II

MCDONNELL DOUGLAS SPEC P.S. 17410

PREMIER, 810112

ROCKWELL 014-0842-000, REV. E (RED)

ROCKWELL 014-0842-010, REV. E (BLACK)

ROCKWELL/ROCKETDYNE, TYPE I ST0130RB0078

ROHR SPEC RMSJ15, TYPE II

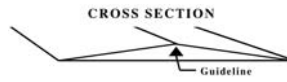
\* Mox-Tape P/N: MS 70T09-S is material number only – listed in AIRFORCE MANUAL, ISIF-15A-2-00WD-20-1, and cross references to 604 x 1" black when ordering.

Standard Industrial Code (SIC) – 3069

600-T Series



**MOX-TAPE** Unsupported  
Triangular Guideline Tape



The triangular cross section and the colored guideline make it possible to quickly and neatly apply a consistent thickness of silicone rubber in a single layer, over a wire harness connector or any other substrate.

Military Specification **MIL-I-46852C Type II**

Standard Part No.	Thickness (inches)	Width (inches)	Roll Length (yards)	Elongation (% min.)	Tensile Strength (min. PSI)	Dielectric Strength (Min. VPM)	Guideline Color
602 - 1	.020	1.00	12	350%	700	450	Blue
603 - 1	.030	1.00	12	350%	700	350	White
604 - 1	.040	1.00	12	350%	700	300	Green
604 - 1.25	.040	1.25	12	350%	700	300	Green
605 - 1.25	.050	1.25	12	350%	700	275	Yellow
605 - 1.5	.050	1.50	12	350%	700	275	Yellow
606 - 1.5	.060	1.50	12	350%	700	250	Blue
607 - 1.5	.070	1.50	12	350%	700	225	Green