

# SILICONE T117U



## SILICONE T117U



Electrical Insulation  
Thermal Protection



Smooth Tubing



Tubular

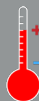


Silicone



Option:

Black, white, clear, red, yellow, blue, green  
Other colors upon request



Low:  
High:

-55°C (-67°F)  
200°C (392°F)



Options:

Wall thickness .015" for dielectric strength of 10 kV  
Wall thickness .035" for dielectric strength of 15 kV



Thermal and electrical insulation  
Highly flexible and resistant  
Flame retardant



RoHS, REACH, CMRT

## PHYSICAL PROPERTIES

Physical properties	Spec	Value
Operating temperature	-	-55/200°C (-67/392°F)
Flammability	UL 1441 VW-1	flame retardant
Dielectric rating	-	wall thickness .015": 10 kV wall thickness .035": 15 kV

## DIMENSIONS

Designation	NEMA Size	Minimum Ø (inches)	Maximum Ø (inches)	Indicative nominal Ø	
				(inches)	(mm)
SILICONE T117U-600 AWG 24*	AWG 24	0.020	0.027	0.024	0.61
SILICONE T117U-600 AWG 22*	AWG 22	0.025	0.032	0.029	0.74
SILICONE T117U-600 AWG 20*	AWG 20	0.032	0.039	0.036	0.91
SILICONE T117U-600 AWG 19*	AWG 19	0.036	0.044	0.040	1.02
SILICONE T117U-600 AWG 18*	AWG 18	0.040	0.049	0.045	1.14
SILICONE T117U-600 AWG 17*	AWG 17	0.045	0.054	0.050	1.27
SILICONE T117U-600 AWG 16*	AWG 16	0.051	0.061	0.056	1.42
SILICONE T117U-600 AWG 15*	AWG 15	0.057	0.067	0.062	1.57
SILICONE T117U-600 AWG 14*	AWG 14	0.064	0.074	0.069	1.75
SILICONE T117U-600 AWG 13*	AWG 13	0.072	0.082	0.077	1.96
SILICONE T117U-600 AWG 12*	AWG 12	0.081	0.091	0.086	2.18
SILICONE T117U-600 AWG 11*	AWG 11	0.091	0.101	0.096	2.44
SILICONE T117U-600 AWG 10*	AWG 10	0.102	0.112	0.107	2.72
SILICONE T117U-600 AWG 9*	AWG 9	0.114	0.124	0.119	3.02
SILICONE T117U-600 AWG 8*	AWG 8	0.129	0.141	0.135	3.43
SILICONE T117U-600 AWG 7*	AWG 7	0.144	0.158	0.151	3.84
SILICONE T117U-600 AWG 6*	AWG 6	0.162	0.178	0.170	4.32
SILICONE T117U-600 AWG 5*	AWG 5	0.182	0.198	0.190	4.83
SILICONE T117U-600 AWG 4	AWG 4	0.204	0.224	0.214	5.44
SILICONE T117U-600 AWG 3	AWG 3	0.229	0.249	0.239	6.07
SILICONE T117U-600 AWG 2	AWG 2	0.258	0.278	0.268	6.81
SILICONE T117U-600 AWG 1	AWG 1	0.289	0.311	0.300	7.62
SILICONE T117U-600 5/16	5/16"	0.313	0.334	0.324	8.23
SILICONE T117U-600 AWG 0	AWG 0	0.325	0.347	0.336	8.53
SILICONE T117U-600 3/8	3/8"	0.375	0.399	0.387	9.83
SILICONE T117U-600 7/16	7/16"	0.438	0.462	0.450	11.43
SILICONE T117U-600 1/2	1/2"	0.500	0.524	0.512	13.00
SILICONE T117U-600 5/8	5/8"	0.625	0.655	0.640	16.26
SILICONE T117U-600 3/4	3/4"	0.750	0.786	0.768	19.51

\*For the .015" designation, replace the 600 portion by 300.

## PACKAGING

Rolls, Cut lengths