

CHARACTER:

- 1.Physical performance
- a、Excellent mechanical properties

b、Excellent thermal stability

c、Low temperature soft good performance

d、Good flame retardancy

e、Of high resistance to chemicals

f、Chemistry stability is good

b、Good resistance to high temperature of the engine fluid

j、Excellent resistance to impact ability
- 2.Electrical Properties
- a、Electrical insulation good

b、Good the dielectric properties
- 3.Processing properties
- a、Using the hot extrusion processing

b、Can be twisted pair and multi-core

c、Good processing properties Harness

d、Harness processing process good compatibility

e、According to UL standard design
- 4.Environmental protection
- a、ROHS/REACH compliant

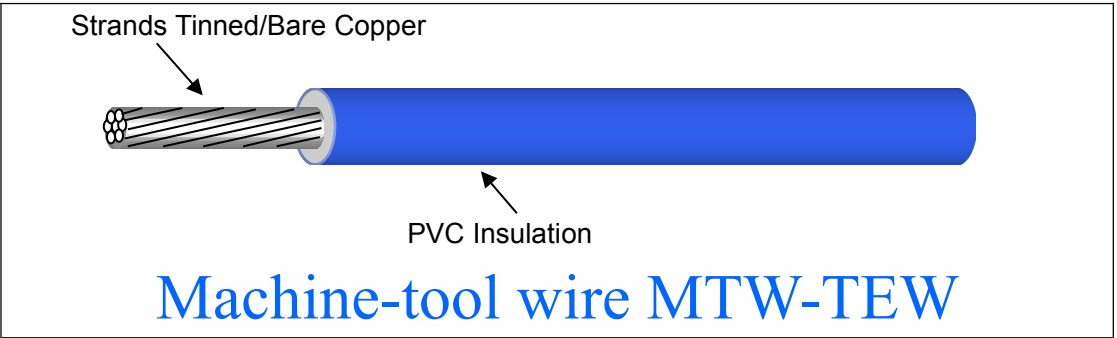
SHOULD BE USED:

Machine-tool wire

REFERENCE:

UL1063、CSA

Outline:



Wire structure description:
Conductor: Tinned /Bare copper ;
Insulation materials: PVC Insulation

Machine-tool wire , No more than 105 ℃ temperature of conductor occasion								
Rated temperature: 105℃ Rated voltage:600V								
STYLE	SIZE AWG	Conductor construction (No./ mm) ±0.005	Conductor resistance 20℃ (Ω/Km)	Conductor diameter (mm)	insulation thickness (mm)		Over diameter (mm)	
					Nom.	Min.	Nom.	Tole.
MTW/ TEW	10	105/0.254	3.54	3.00	0.80	0.69	4.60	±0.15
	12	65/0.254	5.64	2.36	0.80	0.69	3.96	±0.15
	14	41/0.254	8.96	1.88	0.80	0.69	3.50	±0.15
	16	26/0.254	14.60	1.50	0.80	0.69	3.10	±0.1
	18	41/0.16	23.20	1.17	0.80	0.69	2.75	±0.1
	20	21/0.18	36.70	0.95	0.80	0.69	2.55	±0.1
	22	17/0.16	59.40	0.76	0.80	0.69	2.36	±0.1
	24	11/0.16	94.20	0.61	0.80	0.69	2.20	±0.1
	26	7/0.16	150.00	0.48	0.80	0.69	2.10	±0.1
	28	7/0.127	239.00	0.38	0.80	0.69	1.98	±0.1
	30	7/0.10	381.0	0.30	0.80	0.69	1.90	±0.1
Stranded conductor single diameter tolerances ±0.005mm; Solid conductor diameter tolerances ±0.01mm.								

Marking: E307603 (UL) MTW NO.AWG 105℃ 600V 221756 CSA TEW I
105℃ 600V FT1 -LF-

SAE COLOR SERIES

* STOCK COLOR CHART				
00-BLACK	01-WHITE	02-RED	03-YELLOW	04-GREEN
05-BLUE	06-BROWN	07-GREY	08-ORANGE	09- VIOLET

PACKAGE

*PACKAGE				
Part No.	Packing- Ft/roll			
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~16AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
18~30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	
According to customer requirements for packaging packaging				