

**CHARACTER:**

**1.Physical performance**

- a、 Good elasticity, softness
- b、 Good adsorption ability
- c、 Good heat resistance
- d、 Good cold resistance
- e、 Good weather
- f、 Chemistry stability is good

j、 Good thermal performance

h、 Good flame retardancy

**2.Electrical Properties**

- a、 Electrical insulation good
- b、 Has the very high resistivity

**3.Porcessing properties**

- a、 Use half extrusion processing
- b、 Good wire processing performance
- c、 In the process of wire processing good compatibility
- d、 According to M22759 standard design

**4.Environmental protection**

- a、 ROHS/REACH compliant
- b、 nonhazardous

**Application:**

Used in various departments related to the Naval Command and the Department of Defense.

**Guideline:**

MIL-W-22759/43

**Outline:**



Wire structure description:  
 Conductor: Silver-plated copper;  
 Insulation materials:XLETFE Insulation

US military wire  
 Rated temperature: 200°C Rated voltage: 600V

STYLE	AWG	Conductor size (No./ mm) ±0.005	Conductor resistance 20℃ (Ω/Km)	Conductor Dia.(mm)	Insulation thickness (mm) Nom.	Overall diameter (mm)	
						Min	Max
M22759/43-08	08	133/29	2.16	4.11	0.25	4.90	5.10
M22759/43-10	10	37/26	3.90	2.74	0.25	3.34	3.54
M22759/43-12	12	37/28	5.94	2.18	0.25	2.74	2.90
M22759/43-14	14	19/27	9.45	1.70	0.25	2.30	2.40
M22759/43-16	16	19/29	14.8	1.35	0.25	1.85	1.96
M22759/43-18	18	19/30	19.0	1.19	0.25	1.68	1.78
M22759/43-20	20	19/32	30.1	0.97	0.25	1.42	1.52
M22759/43-22	22	19/34	49.5	0.76	0.25	1.20	1.30
M22759/43-24	24	19/36	79.7	0.61	0.25	1.10	1.20
M22759/43-26	26	19/38	126	0.48	0.25	1.00	1.10

**Marking:** no marking

**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			<b>3F</b>
10AWG	■ 500Ft	□ 1000Ft	□ 2000Ft	
12~20AWG	□ 500Ft	■ 1000Ft	□ 2000Ft	
22-30AWG	□ 500Ft	□ 1000Ft	■ 2000Ft	

According to customer requirements for packaging packaging