

Characteristic:

1.Characteristic:

a、 excellent mechanical properties:

Tensile strength ≥20.7MPa, elongation at break ≥200%

After aging:

Condition: 260 ± 1.0°C / 96H

Tensile strength residual rate ≥85% elongation at break ≥85%

b、 Flame retardancy: VW-1, vertical combustion, burning 5 times, each time 15S, any residual flame is not more than 60S.

c、 Low temperature bending: -10°C ± 2°C / 4H, no crack on the surface of the sample is qualified

2. 2.Electrical performance

a、 rated temperature: 260°C rated voltage: 600V

b、 Spark test: When passing through the test electrode, no breakdown occurs. Spark test voltage is 6KV AC

c、 dielectric withstand voltage: 2KV AC, 60 seconds without breakdown

3. Processing performance

a、 suitable for all conventional wire harness processing

b、 If you have special needs, please let us know.

3. . Environmental protection

a、 in line with ROHS/REACH

application:

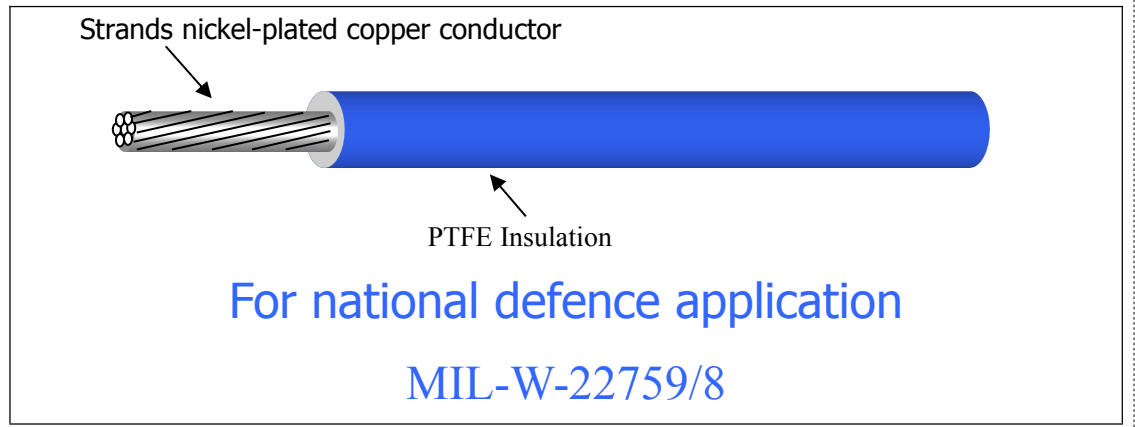
For national defence application

Guideline:

SAE AS22759-2006

Overview:

Install electric wires inside to prevent sharp bends under impact and high temperature



Wire structure description:

Conductor: Nickel-plated copper;

Insulation materials: PTFE Insulation;

STYLE	AWG	Conductor size (No./ mm) ±0.005	Conductor Dia.(mm)	Insulation thickness (mm) Nom.	Overall diameter (mm)	
					Min.	Max.
M22759/8	24	19/0.127	0.64	0.48	1.52	1.63
	22	19/0.16	0.81	0.52	1.80	1.91
	20	19/0.203	1.02	0.52	2.03	2.13
	18	19/0.254	1.28	0.52	2.29	2.39
	16	19/0.287	1.45	0.55	2.52	2.67
	14	19/0.361	1.82	0.55	2.85	3.00
	12	19/0.44	2.22	0.60	3.33	3.48
	10	37/0.404	2.84	0.60	3.91	4.12
	8	7/19/0.287	4.33	0.60	5.46	5.72
	6	7/19/0.361	5.45	0.75	6.71	7.01
	4	7/19/0.44	6.77	0.80	8.10	8.46

Sign:

1、 Printing: NO.

2、 Label identification: manufacturer, model, specification, rated temperature resistance, rated withstand voltage, insulation material, color, package length, Production Date

3F product code:

E.g: 22759D8-2000-19N
22759/8, 20AWG, black, 19/0.203, Nickel-plated

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- M/roll		
4-10AWG	■ 152.5M	□ 305M	□ 610M
12-20AWG	□ 152.5M	■ 305M	□ 610M
22-24AWG	□ 152.5M	□ 305M	■ 610M

According to customer requirements for packaging packaging

