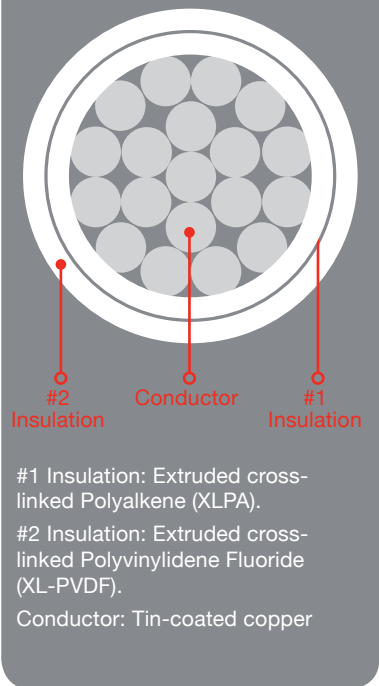


SAE AS81044/12

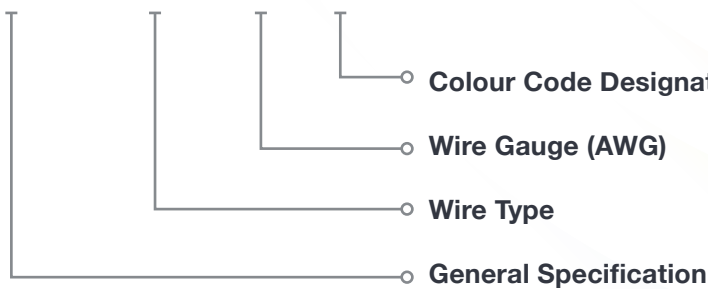
Equipment Wire

- Insulation: Cross-linked XLPA and XL-PVDF
- Construction: Dual wall
- Conductor: Stranded tinned copper
- Temperature Rating: -65°C to +150°C
- Voltage Rating: 600V
- NEMA WC27500 Symbol: ML



Part Numbering System Example

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- 0 = Black
- 1 = Brown
- 2 = Red
- 3 = Orange
- 4 = Yellow
- 5 = Green
- 6 = Blue
- 7 = Violet
- 8 = Grey
- 9 = White

Part Number	Size (AWG)	Conductor Stranding (No. x AWG)	Diameter of Stranded Conductor (inch)		Finished Wire		
			Min.	Max.	Max. Resistance at 20°C (Ω/1000 ft.)	Diameter (inch)	Max. Weight (lbs/1000 ft)
M81044/12-30-*	30	7 x 38	.011"	.013"	108.4	.027 ± .002	0.71
M81044/12-28-*	28	7 x 36	.014"	.016"	68.6	.030 ± .002	0.96
M81044/12-26-*	26	19 x 38	.018"	.021"	41.3	.034 ± .002	1.40
M81044/12-24-*	24	19 x 36	.023"	.026"	26.2	.040 ± .002	2.10
M81044/12-22-*	22	19 x 34	.029"	.033"	16.2	.047 ± .002	3.10
M81044/12-20-*	20	19 x 32	.037"	.041"	9.88	.055 ± .002	4.60
M81044/12-18-*	18	19 x 30	.046"	.051"	6.23	.065 ± .002	7.00
M81044/12-16-*	16	19 x 29	.052"	.058"	4.81	.072 ± .003	8.90
M81044/12-14-*	14	19 x 27	.065"	.073"	3.06	.089 ± .004	13.90
M81044/12-12-*	12	37 x 28	.084"	.090"	2.02	.108 ± .004	21.70

Note: This wire was formerly listed under MIL-W-81044 and is supplied in full compliance with SAE AS81044™ specification requirements, including those for product identification (wire mark), labelling and testing.

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