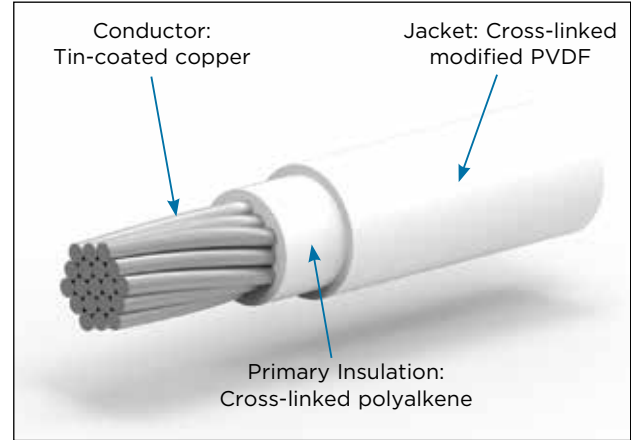




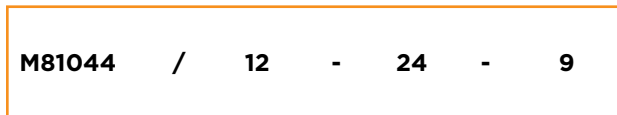
SAE AS81044/12

General Purpose Equipment Wire

- **Insulation:** Polyalkene (primary), PVDF (jacket)
- **Construction:** Dual-wall construction
- **Conductor:** Stranded tinned copper
- **Temperature Rating:** 150°C
- **Voltage Rating:** 600 V



Part Numbering System



Color Codes (MIL-STD-681)



Part Number	Size (AWG)	Conductor Stranding (No. x AWG)	Conductor OD (Inch)		Finished Wire		
			Min.	Max.	Max. Resistance at 20°C (ohms/1000 ft.)	Diameter (inch)	Max. Weight (lbs/1000 ft.)
M81044/12-26-*	26	19 x 38	.018	.021	41.3	.034 ± .002	1.4
M81044/12-24-*	24	19 x 36	.023	.026	26.2	.040 ± .002	2.0
M81044/12-22-*	22	19 x 34	.029	.033	16.2	.047 ± .002	3.0
M81044/12-20-*	20	19 x 32	.037	.041	9.88	.055 ± .002	4.5
M81044/12-18-*	18	19 x 30	.046	.051	6.23	.065 ± .002	6.8
M81044/12-16-*	16	19 x 29	.052	.058	4.81	.072 ± .003	8.6
M81044/12-14-*	14	19 x 27	.065	.073	3.06	.089 ± .004	13.2
M81044/12-12-*	12	37 x 28	.084	.090	2.02	.108 ± .004	20.2

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.