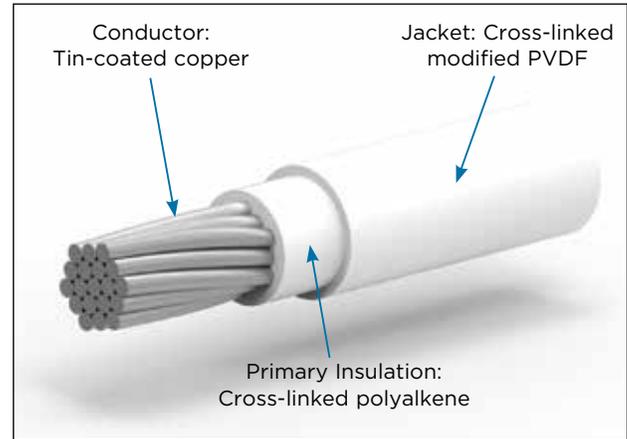




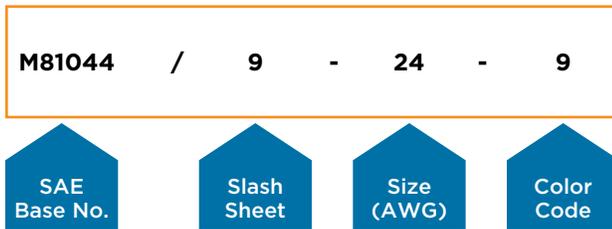
SAE AS81044/9

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.)
M81044/9-24-*	24	19 x 36	.023	.026	26.2	.054 ± .002	2.7
M81044/9-22-*	22	19 x 34	.029	.033	16.2	.062 ± .003	3.9
M81044/9-20-*	20	19 x 32	.037	.041	9.88	.070 ± .003	5.5
M81044/9-18-*	18	19 x 30	.046	.051	6.23	.080 ± .003	8.0
M81044/9-16-*	16	19 x 29	.052	.058	4.81	.089 ± .004	10.1
M81044/9-14-*	14	19 x 27	.065	.073	3.06	1.08 ± .004	15.5
M81044/9-12-*	12	37 x 28	.084	.090	2.02	.126 ± .004	23.0
M81044/9-10-*	10	37 x 26	.106	.114	1.26	.155 ± .005	35.7
M81044/9-8-*	8	133 x 29	.158	.173	.701	.214 ± .006	65.9
M81044/9-6-*	6	133 x 27	.198	.217	.445	.264 ± .007	104.
M81044/9-4-*	4	133 x 25	.250	.274	.280	.320 ± .008	161.
M81044/9-2-*	2	665 x 30	.320	.340	.183	.400 ± .012	259.
M81044/9-0-*	0	1045 x 30	.405	.425	.116	.490 ± .016	396.

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.