

SPECIFICATION CONTROL DRAWING

44A0111

TITLE WIRE, ELECTRIC, RADIATION-CROSSLINKED, TIN-COATED COPPER,
LIGHTWEIGHT, GENERAL PURPOSE, 600 VOLT

Date 24MAR11

Revision P1

This specification sheet forms a part of the latest issue of Raychem Specification 44 and MIL-W-81044 as applicable.



TABLE I. CONSTRUCTION DETAILS

PART NUMBER 1/	WIRE SIZE (AWG)	CONDUCTOR STRANDING (number x AWG)	DIAMETER OF STRANDED CONDUCTOR (in.)		FINISHED WIRE		
			MINIMUM	MAXIMUM	MAXIMUM RESISTANCE AT 20°C (ohms/1000 ft)	DIAMETER (in.)	MAXIMUM WEIGHT (lbs/1000 ft.)
44A0111-26-*	26	19 x 38	.018	.021	41.3	.034 ± .002	1.4
44A0111-24-*	24	19 x 36	.023	.026	26.2	.040 ± .002	2.0
44A0111-22-*	22	19 x 34	.028	.032	16.6	.047 ± .002	3.0

WIRE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 150°C,
Maximum continuous conductor temperature
VOLTAGE RATING: 600 volts (rms) at sea level
ACCELERATED AGING: 300 ± 2°C for 6 hours
Identification legibility, 225 ± 2°C for 6 hours
BLOCKING: 150 ± 2°C for 24 hours
COLOR: white preferred