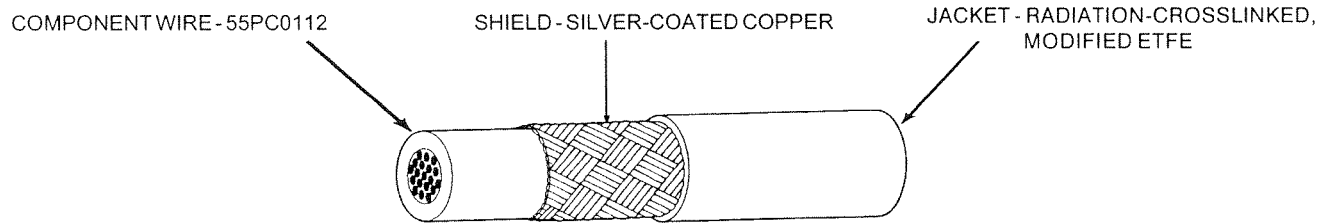


SPECIFICATION CONTROL DRAWING

55PC1112

TITLE <p style="text-align: center;">ONE CONDUCTOR CABLE, SHIELDED, JACKETED, 600 VOLT</p>	Date <p style="text-align: center;">08-31-00</p>	Revision <p style="text-align: center;">A</p>
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This specification sheet forms a part of the latest issue of Raychem Specification 55PC.



CONSTRUCTION DETAILS									
PART NUMBER	CONDUCTOR SIZE (AWG)	SHIELD SIZE (AWG)	JACKET THICKNESS (in.)		DIAMETER (in.)			WEIGHT (lbs/1000 ft.)	
			LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT
55PC1112-24-*	24	38	.0050	.0060	.061	.065	.069	4.86	5.12
55PC1112-22-*	22	38	.0050	.0060	.068	.071	.074	6.13	6.41
55PC1112-20-*	20	38	.0050	.0060	.075	.079	.083	8.07	8.37
55PC1112-18-*	18	38	.0050	.0060	.085	.088	.092	10.82	11.22
55PC1112-16-*	16	38	.0050	.0060	.092	.096	.100	13.03	13.46
55PC1112-14-*	14	38	.0050	.0060	.107	.110	.114	18.34	18.85
55PC1112-12-*	12	38	.0050	.0065	.126	.130	.134	26.47	27.15
55PC1112-10-*	10	38	.0050	.0065	.151	.157	.162	39.82	41.05
55PC1112-8-*	8	38	.0060	.0075	.213	.220	.227	71.34	73.35

CABLE RATINGS AND ADDITIONAL REQUIREMENTS

TEMPERATURE RATING: 200°C
 Maximum continuous conductor temperature
 VOLTAGE RATING: 600 volts (rms)

SHIELD COVERAGE: 85% (minimum)
 VOLTAGE WITHSTAND TEST (Post Environmental):
 1000 volts (rms), 60 Hz, 1 minute

CROSSLINKING PROOF TEST: 300 ± 3°C for 1 hour
 DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
 JACKET COLOR: White preferred
 JACKET ELONGATION AND TENSILE STRENGTH:
 Elongation, 50% (minimum)
 Tensile Strength, 5000 lbf/in² (minimum)
 JACKET FLAWS:
 Spark Test, 1000 volts (rms), 100% test
 Impulse Dielectric Test, 6.0 kV (peak), 100 % test

PART NUMBER:
 The "*" in the part numbers above shall be replaced by a color code designator with a dash separating the component wire color from the jacket color.
 Example: AWG 22, white component wire; white jacket:
 55PC1112-22-9-9

COLOR AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681.

THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
 REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

Raychem

300 Constitution Drive
 Menlo Park, California 94025
 1-800-2 RAYCHEM FAX: 650-361-6297