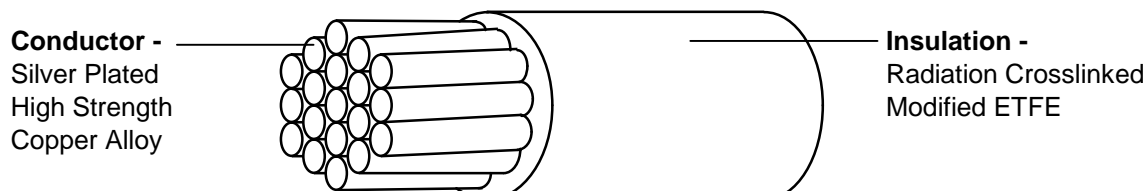


# WIRE, MODIFIED FLUOROPOLYMER INSULATED, 450 VOLT, 200°C LIGHTWEIGHT

The complete requirements for procuring the wire described herein shall consist of this document.



Part Description	Conductor			FINISHED WIRE					
	Stranding No./Diam. (mm)	Diameter (mm)		Max. Resistance @ 20°C (ohms/km)	Diameter (mm)			Weight kg/km	
		Min.	Max.		Min.	Target	Max.	Target	Max.
55M0414-30-*	7/0.10	0.28	0.31	377.0	0.48	0.51	0.55	0.70	0.87
55M0414-28-*	7/0.12	0.36	0.38	239.0	0.55	0.58	0.62	0.94	1.19
55M0414-26-*	19/0.10	0.46	0.48	144.0	0.65	0.69	0.72	1.50	1.80
55M0414-24-*	19/0.12	0.58	0.61	91.1	0.78	0.81	0.85	2.30	2.68

**COLOUR CODE:** The '\*' in the part number shall be replaced by a standard colour code designator in accordance with Mil Std 681.

e.g. 55M0414-24-9 Size 24, White insulation

**PERFORMANCE REQUIREMENTS** To be tested to and meet the requirements of the issue in effect of Raychem Specification 55A, with the exception of Tensile Strength of Conductor, which shall be 350 N/ mm<sup>2</sup> minimum.

**ADDITIONAL REQUIREMENT** Minimum wall thickness 0.085mm  
Routine Ageing test at 200°C for 7 hours using weights and mandrels as per 55A0114 SCD.

**APPROVAL:** Electronic sign off - no signatures will appear.

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