



# DATA SHEET

## SLPV90

### SLEEVING, PVC 3/90T

SLPV90 is a lead free, flexible vinyl compound designed for sheathing and insulation applications for wire and cable products.

It has been formulated to be able to meet the requirements of 5V90 sheathing and V90 insulation according to the Australian Standard AS/NZS 3808 in the majority of cable designs. Independent testing on cable products should be undertaken to confirm compliance to these standards.

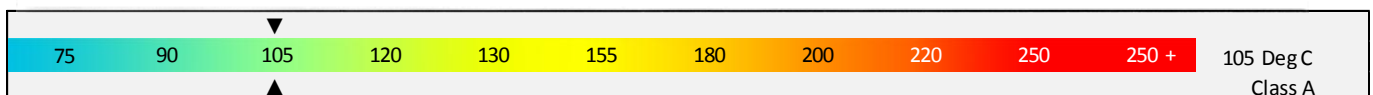
It has been formulated with added UV inhibitor to enhance its performance when used in outdoor environments and complies with the requirements of the European RoHS Directive.



SLEEVES

### TYPICAL PROPERTY VALUES

Property	Test Method	Units	Value
Specific Gravity	ASTM D792	None	1.43
Hardness	ASTM D2240 (10s Delay)	Shore-A	82
Tensile Strength	AS/NZS3808 V90 & 5V90	MPa	14.3
Tensile Strength After Ageing	AS/NZS3808 V90 & 5V90	MPa	14.5
Tensile Strength Retention After Ageing	AS/NZS3808 V90 & 5V90	%	101
Elongation At Break	AS/NZS3808 V90 & 5V90	%	422
Elongation At Break After Ageing	AS/NZS3808 V90 & 5V90	%	392
Elongation At Break Retention After Ageing	AS/NZS3808 V90 & 5V90	%	93
Mass Loss	AS/NZS3808 V90 & 5V90	Mg/cm <sup>2</sup>	1.38



Temperature Index