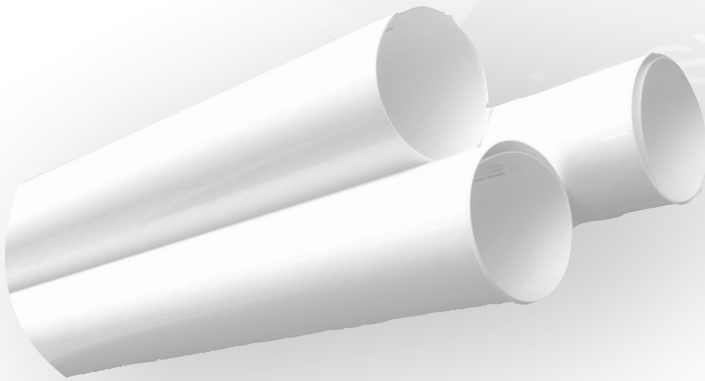




australian  
sun energy

1300 137 407

## A series regular PVC Jacketing



Insulock PVC Cladding is Australia's largest complete system of pre curled jacket and moulded fitting covers to suit all types of rigid pipe insulation sections.

A series modified PVC jacketing for use indoors and outdoors. Bright high-gloss white colouring adds a distinct quality appearance as well as offering resistance to fungi and bacteria.

Insulock PVC cladding is U.V. resistant and offers exceptional outdoor weathering.

Insulock PVC Cladding is non-toxic, odourless and tasteless which makes it suitable to use in the food, beverage and pharmaceutical industries.

Pre-curved jacketing and fitting covers are available in graduated sizes to suit all sectional insulation types with O.D. 41mm to 558mm and greater as well as two thicknesses to suit regular duty through to heavy duty and buried applications.

A series regular jacketing is self extinguishing

**Jacket Length:** 1.22 metres

**Colour:** Standard White - High Gloss outside, gloss inside

**Operating Temperature:** -29°C (-20°F) to 66°C (150°F)

Insulock jacket	Thickness mm	Weight kg/m <sup>2</sup>
A20	0.5	0.73
A30	0.75	1.1
A20 Standard Jacket		

## PHYSICAL PROPERTIES

Specific Gravity (ASTMD-792)	1.41
Tensile Strength psi, (ASTM D638)	6,011
Tensile Modulus psi, (ASTM D638)	361,000
Flexural Strength psi, (ASTMD-790)	9,396
IZOD Impact 1/4" thick @ 23°C, (ASTMD 256)	3.7
VICAT Softening Point (°C) (ASTMD-1525)	92°C
Heat Deflection Temp °C @ 264psi (ASTMD-648)	70°C
Water Vapour Transmission ASTM E 96-95 21.1°C & 50% Relative Humidity Tested over code compliant vapour barrier ASTM C1136@ ≤0.02 perms	0.5mm thick ≤0.047 0.75mm thick ≤0.027
Flame Spread (ASTM E84)	25 or less
Surface Burning Characteristics	50 or less
Puncture Resistance (ASTMD781) Beach units	0.006" thick 178 bu 0.015" thick 221bu
Electrical resistance	Non-Conductor

## SPECIFICATION COMPLIANCE

ASTM E84	Surface burning characteristics
ASTM C-585	Standard dimension for pipe
ASTM 1784	Specification for rigid PVC
ASTM C1338	Fungi test
ASTM G21 & G22	Fiungi and bacteria test
Federal specification	
LP-1035A	Federal standard PVC - Type 11 Grade GU
LP-535E	US Army standard PVC = Type 11 Grade GU
USDA	United States Department of Agriculture
New York City MEA	Toxicity
Canada	
CAN/CGSB 51.53.95	PVC Jacketing
CAN/ULC S102	Surface burning characteristics
Agriculture Canada	
ICC	International Code Council
IBC	International Building Code
IMC	International Mechanical Code

## GREEN BUILDING ATTRIBUTES

Manufacturing Location	Clearwater, FL
Recycled Content	Pre 55+%
CA 1350 - VOC	Pass office and School
Berkley Analytical	Cert No. 160504-10
LEED Credits per V4	Contributes EA, MR, EQ (See Proto LEED Credit guide)
RoHS	Heavy metal compliant
DecaBDE ≤ 0.01%	Pass State of Oregon
Rigid PVC	No plasticisers or phthalates

The properties represent typical average values in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as technical service and are subject to change with out notice. Check with Australian Sun Energy office to assure current information. Purchaser will be responsible to determine the suitability of this product for the purchasers use.