

- Environmental sealing
- Excellent mechanical strength
- Abrasion resistance
- 4:1 shrink ratio

## RPPM

Flexible, dual wall, moisture proof, heat-shrinkable tubing

## Raychem Interconnect

RPPM is a flexible, heat-shrinkable, dual wall tubing with an integrally bonded melttable adhesive liner. Available in clear and black, the tough outer jacket with both types offers excellent mechanical strength.

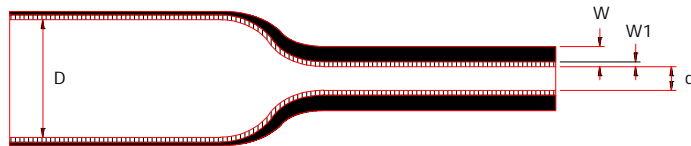
RPPM is used for moisture proof encapsulation of a wide variety of components. In particular, it adheres well to PVC. The high shrink ratio allows RPPM to be used with a range of dimensions.

Clear RPPM offers excellent clarity for protection of substrates that may need to be inspected during service. Black RPPM has a high gloss finish suitable for cosmetic applications.

### Temperature rating

Operating temperature range:	-40°C to +85°C
minimum recovery temperature:	+80°C

### Ordering information



Inside diameter		Wall thickness	Standard package	
D (min) Expanded as supplied	d (max) Recovered after heating	W (nom) Total wall recovered after heating	1.2m length quantity	Ordering description
mm	mm	mm	m	
4.0	1.0	0.8	36	RPPM-4/1-colour code
8.0	2.0	0.9	36	RPPM-8/2-colour code
12.0	3.0	1.2	24	RPPM-12/3-colour code
16.0	4.0	1.5	24	RPPM-16/4-colour code
9.0	1.5	1.6	cut pieces	RPPM-NR510-X

The largest size that will recover snugly over the component to be covered should be ordered.  
The wall thickness of the tubing will be less than specified if recovery is restricted during shrinkage.  
Other lengths and sizes are available subject to special order.

### Standard colours

Colour	Clear	Black
Code	X	0

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## Performance

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Test	Test method	Test requirement
Tensile strength:	ISO 37	20 MPa (min)
Ultimate elongation:	ISO 37	250% (min)
Cold impact:	VDE 0472 Pt611	No cracking of outer jacket at -40°C
Inner wall adhesion:	RK6214	To aluminium: 60 N/25 mm (min)
Split resistance:	RK6214	No splitting at 100°C
Fluid resistance:	ISO 37 24h at 23°C	Tensile strength: 15 Mpa (min) Diesel fuel (BS 2869 class A1) Hydraulic oil (J1703) Lubricating oil (0-149) Hydraulic fluid (DTD 900/4881 Skydrol 500B4) Antifreeze/water 50% v/v Battery acid (BSB031)

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## Specifications

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Raychem Specification RK 6214.  
Installation instructions available on request.  
Material Safety Data Sheet available on request.

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