





*The products shown in this catalogue represent our standard product ranges.*

*REPL flexible manufacturing capabilities mean we can adapt for special products to suit particular applications if required. Please contact your local REPL sales office to discuss any application.*



REPL have been designing and manufacturing **CABLE ACCESSORIES** for use on Energy Cables for over 35 years.  
Our products are in daily use on every continent around the world.



**EVERYDAY**, we push the boundaries of technology to deliver the very best products

## Over 35 years of continued product development ...

Since 1982, REPL has become a leading supplier of heat shrink tubing and moulded components

- Using our expertise, we offer joints and terminations using our heat shrink products
- Silicon rubber pre-moulded joints and terminations
- Elastomeric Cold Shrink joints and terminations
- New generation heat shrink materials including one piece terminations
- REPL develop SMART termination
- Screened Plug in terminations, including SMART types

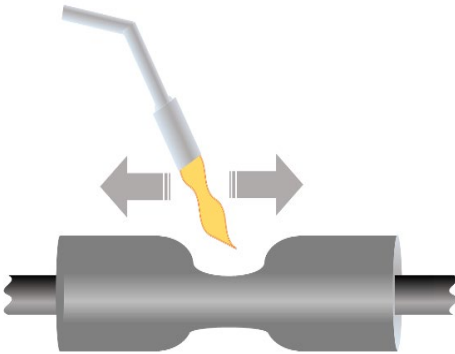
REPL offer products using three main methods of installation technology.

Each technology has specific advantages depending on the needs of the user.

We can offer impartial advice on the selection of product to ensure it meets the requirements in terms of suitability for application, environment and total cost of ownership.



## Heat Shrink



Well established for use on low and medium voltage cables, heat shrinkable products are usually made from polyolefin type plastics which have been modified to give additional properties such as improved weathering and enhanced insulation levels.

Delivered as an expanded product, once the correct amount of heat is applied they recover to their original shape.

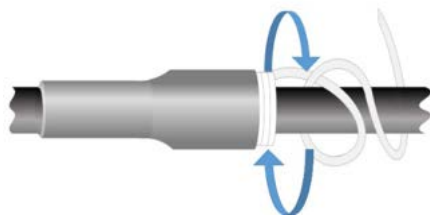
Heat Shrink is very versatile and the products can be made to enhance properties such as weathering or increase resistance to electrical tracking and control of electrical field.

Heat Shrink is resistant to most chemicals and will become rigid once it has been recovered making it a good option for mechanical protection. However, the rigidity prevents the product from flexing with the cable during normal operation meaning an effective environmental seal cannot be maintained without the aid of hot-melt adhesives or mastic tapes.

When stored correctly, there is unlimited shelf life for the product.



## Cold Shrink



Cold shrinkable products are made from elastomeric materials such as Silicon or EPDM rubbers, which are pre-stretched onto a tubular hold-out made from plastic tape in a tight spiral.

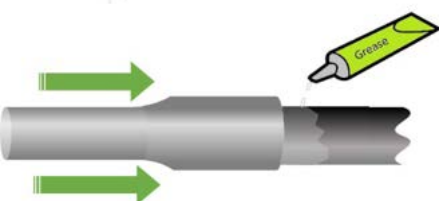
By unwinding the spiral tube, the material recovers to its original size.

The obvious advantage of Cold Shrink is the elimination of any heat source required for installation. In addition the rubber material will follow the normal expansion and contraction of cables without need for additional adhesives or mastics.

Care is needed to store product and there is a finite shelf life to ensure.



## Premoulded (Push On or Slip On)

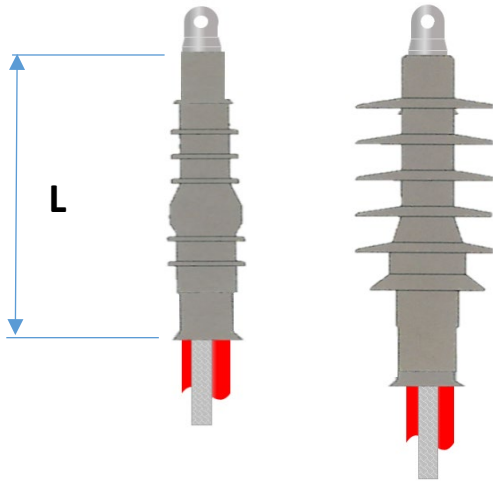


Similar to cold shrink, these products are made of elastomeric material. Since these are supplied in unexpanded form the shelf life is unlimited.

The products are applied by sliding onto cores without use of any tool up to 36kV application. Sliding is easily done manually by using silicone grease as a lubricant, without use of any tools.



## RPMT-(12-36)X-1



### Push On Cable Terminations for 1 core cables from 12kV to 36kV

- Conforms to **CENELEC HD 629.1.S2 & IEC 60502-4**
- Quick and easy installation using no heat source or tools
- One piece termination body with integrated capacitive stress control
- Silicon Rubber material for excellent electrical insulation and weathering properties
- Can be combined with gland or earth kit for armoured cables
- Unlimited shelf life when stored correctly

Conductor Cross Section (mm <sup>2</sup> )	Product Code Single Core	Tail length L mm	Product Code Single Core	Tail length L mm
	<b>INDOOR</b> Termination		<b>OUTDOOR</b> Termination	
<b>Push on Termination for Polymeric Insulated single core cables rated at Um= 12kV</b>				
25 - 70	RPMTI-12X 25-70-1	320	RPMTO-12X 25-70-1	370
95 - 150	RPMTI-12X 95-150-1	320	RPMTO-12X 95-150-1	370
185 - 300	RPMTI-12X 185-300-1	320	RPMTO-12X 185-300-1	370
400 - 500	RPMTI-12X 400-500-1	320	RPMTO-12X 400-500-1	370
<b>Push on Termination for Polymeric Insulated single core cables rated at Um= 17.5kV</b>				
35 - 70	RPMTI-17X 35-70-1	320	RPMTO-17X 35-70-1	370
95 - 150	RPMTI-17X 95-150-1	320	RPMTO-17X 95-150-1	370
185 - 300	RPMTI-17X 185-300-1	320	RPMTO-17X 185-300-1	370
400 - 500	RPMTI-17X 400-500-1	320	RPMTO-17X 400-500-1	370
<b>Push on Termination for Polymeric Insulated single core cables rated at Um= 24kV</b>				
25 - 70	RPMTI-24X 35-70-1	370	RPMTO-24X 35-70-1	450
95 - 150	RPMTI-24X 95-150-1	370	RPMTO-24X 95-150-1	450
150 - 240	RPMTI-24X 185-300-1	370	RPMTO-24X 185-300-1	450
300 - 400	RPMTI-24X 400-500-1	370	RPMTO-24X 400-500-1	450
500 - 630	RPMTI-24X 500-630-1	370	RPMTO-24X 500-630-1	450
<b>Push on Termination for Polymeric Insulated single core cables rated at Um= 36kV</b>				
25 - 70	RPMTI-36X 25-70-1	380	RPMTO-36X 25-70-1	500
95 - 150	RPMTI-36 95-150-1	380	RPMTO-36 95-150-1	500
150 - 240	RPMTI-36X 185-300-1	380	RPMTO-36X 185-300-1	500
300 - 400	RPMTI-36X 400-500-1	380	RPMTO-36X 400-500-1	500
500 - 630	RPMTI-36X 500-630-1	380	RPMTO-36X 500-630-1	500

Above Terminations are made of Silicones which are LSZH (Low Smoke Zero Halogen) material.





## RPMJ-(12-36)X

12 kV

17.5 kV

24 kV

36 kV

Conductor Cross Section (mm <sup>2</sup> )	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint
<b>Push On Straight Cable Joint for Polymeric Insulated cables rated at Um= 12kV</b>			
25 - 70	No armour	RPMJU-12X 25-70-1	RPMJU-12X 25-70-3
	Armoured	RPMJA-12X 25-70-1	RPMJA-12X 25-70-3
95 - 120	No armour	RPMJU-12X 95-120-1	RPMJU-12X 95-120-3
	Armoured	RPMJA-12X 95-120-1	RPMJA-12X 95-120-3
150 - 240	No armour	RPMJU-12X 150-240-1	RPMJU-12X 150-240-3
	Armoured	RPMJA-12X 150-240-1	RPMJA-12X 150-240-3
300 - 400	No armour	RPMJU-12X 300-400-1	RPMJU-12X 300-400-3
	Armoured	RPMJA-12X 300-400-1	RPMJA-12X 300-400-3
500	No armour	RPMJU-12X 500-1	-
	Armoured	RPMJA-12X 500-1	-
<b>Push On Straight Cable Joint for Polymeric Insulated cables rated at Um= 17.5kV</b>			
25 - 70	No armour	RPMJU-17X 25-70-1	RPMJU-17X 25-70-3
	Armoured	RPMJA-17X 25-70-1	RPMJA-17X 25-70-3
95 - 120	No armour	RPMJU-17X 95-120-1	RPMJU-17X 95-120-3
	Armoured	RPMJA-17X 95-120-1	RPMJA-17X 95-120-3
150 - 240	No armour	RPMJU-17X 150-240-1	RPMJU-17X 150-240-3
	Armoured	RPMJA-17X 150-240-1	RPMJA-17X 150-240-3
300 - 400	No armour	RPMJU-17X 300-400-1	RPMJU-17X 300-400-3
	Armoured	RPMJA-17X 300-400-1	RPMJA-17X 300-400-3
400 - 630	No armour	RPMJU-17X 400-630-1	-
	Armoured	RPMJA-17X 400-630-1	-
<b>Push On Straight Cable Joint for Polymeric Insulated cables rated at Um= 24kV</b>			
25 - 70	No armour	RPMJU-24X 25-70-1	RPMJU-24X 25-70-3
	Armoured	RPMJA-24X 25-70-1	RPMJA-24X 25-70-3
95 - 120	No armour	RPMJU-24X 95-120-1	RPMJU-24X 95-120-3
	Armoured	RPMJA-24X 95-120-1	RPMJA-24X 95-120-3
150 - 240	No armour	RPMJU-24X 150-240-1	RPMJU-24X 150-240-3
	Armoured	RPMJA-24X 150-240-1	RPMJA-24X 150-240-3
300 - 400	No armour	RPMJU-24X 300-400-1	RPMJU-24X 300-400-3
	Armoured	RPMJA-24X 300-400-1	RPMJA-24X 300-400-3
400 - 630	No armour	RPMJU-24X 400-630-1	-
	Armoured	RPMJA-24X 400-630-1	-
<b>Push On Straight Cable Joint for Polymeric Insulated cables rated at Um= 36kV</b>			
50 - 95	No armour	RPMJU-36X 25-70-1	RPMJU-36X 25-70-3
	Armoured	RPMJA-36X 25-70-1	RPMJA-36X 25-70-3
120 - 150	No armour	RPMJU-36X 95-120-1	RPMJU-36X 95-120-3
	Armoured	RPMJA-36X 95-120-1	RPMJA-36X 95-120-3
185 - 240	No armour	RPMJU-36X 150-240-1	RPMJU-36X 150-240-3
	Armoured	RPMJA-36X 150-240-1	RPMJA-36X 150-240-3
300 - 400	No armour	RPMJU-36X 300-400-1	RPMJU-36X 300-400-3
	Armoured	RPMJA-36X 300-400-1	RPMJA-36X 300-400-3
400 - 630	No armour	RPMJU-36X 400-630-1	-
	Armoured	RPMJA-36X 400-630-1	-

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