



POWER CABLE ACCESSORIES CATALOGUE AND DATASHEET HEAT SHRINK TERMINATIONS



**CABLE JOINTING – TERMINATING – SHEATH REPAIR – SEALING – BUSBAR
INSULATION – HEAT SHRINK – CABLE BREAKOUTS – CABLE END CAPS – PHASE
IDENTIFICATION – CABLE ABANDONMENT – COLD SHRINK – CABLE LOOPS –
SEPARABLE CONNECTORS – CABLE GLANDS – PUSH ON PREMOULDED –
MASTICS – TUBING – TAPES – SMART ACCESSORIES – JOINTING**



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.

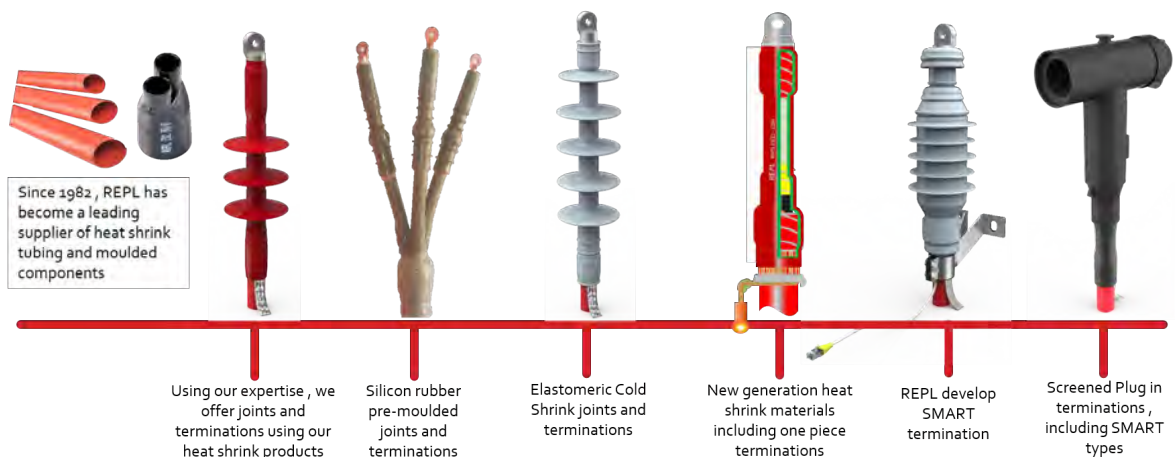
REPL have been designing and manufacturing **CABLE ACCESSORIES** for use on Energy Cables for over 38 years.

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 38 years of continued product development ...



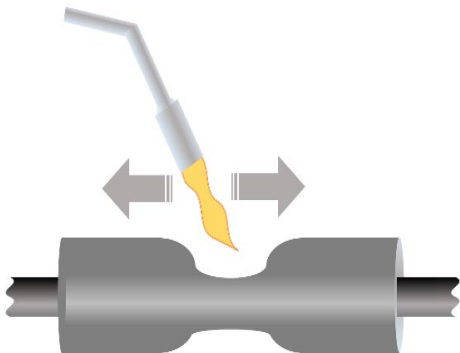
REPL offer products using three main methods of installation technology.

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.

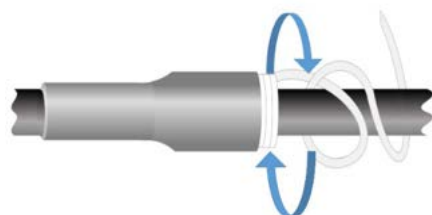
Heat Shrink is very versatile and the products can be made to enhance properties such as weathering or increase resistance to electrical tracking and control of electrical field.

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.

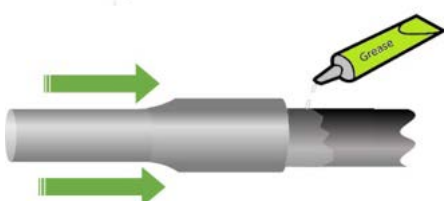
By unwinding the spiral tube, the material recovers to its original size.

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.



REPL RHT range of medium voltage cable termination kits have been successfully installed on thousands of networks across the world. Using our established heat shrinkable tubing and mastics materials.

RHT cable termination kits provide a flexible method to connect and seal power cables from 7kV up to 42kV.



RHT – Cable Termination Designer for cables 7kV - 42kV

The coding system below allows installer to specify correct termination based on application and cable type.

The termination code is made up of 5 elements as follows:

RHT(X) - V - Y - nnn - nnn - N/C					Options
					See information below
Termination Type	Voltage Rating	Cable Insulation Type	Cable Cross Section Range	No. of Cores	
RHTI = For Indoor (dry box) environment	7 = max 3.8/6.6(7.2) kV			1 = 1 core	
	12 = max 6.35/11(12) kV			3 = 3 core	
RHTO = For Outdoor environment	17 = max 8/15(17.5) kV	X = Plastic insulation	mm ² - mm ² = min- max range of joint	3x1 = Three Single Core kit	
	24 = max 12/22(24) kV	P = Paper insulation			
	36 = max 19/33(36) kV				
	42 = max 20/36(42) kV				

Options:

Standard termination kits are supplied without cable lugs.

The following suffix to the product code indicate options:-

- /U = Un-Armoured Cable earth kit supplied in kit
- /A = Armoured Cable earth kit supplied in kit
- /CTS = Copper Tape Screen earth kit supplied in kit
- /CWS = Copper Wire Screen earth kit supplied in kit
- /LSC = Lead Sheath Cover earth kit supplied in kit
- /MC = Electro-tinned aluminium alloy mechanical shear bolt lugs supplied in kit
(usable for copper as well as aluminium cable conductors)
 - /MC(OP)-Y = Offset Palm (One hole), Y = Metric Stud size
 - /MC(CP)-Y = Centric Palm (One hole), Y = Metric Stud size
- /CC = Copper compression lugs supplied in kit
- /AC = Aluminium compression lugs supplied in kit
- /BM = Bimetallic compression lugs supplied in kit

In addition, accessories can be included into the kits by adding the following suffix to the product code:-

- /FB = Set of cold applied flexible insulating boots for straight / right angle usage (Indoor termination)
- /IB = Bracket & support insulator set (Outdoor termination)
- /RAB = Heat shrinkable right angle insulating boot (indoor termination)
- /SAB = Heat shrinkable straight insulating boot (indoor termination)



RHT-(7-42)



Single core kit for Outdoor 7kV Unarmoured cable with Copper wire screen, supplied with mechanical lugs

Example code: **RHTO 7X 95-185-1/U/CWS/MC**



Three core kit for Indoor 33kV Armoured cable with Copper tape screen, supplied with copper compression

lugs Example code: **RHTI 36X 35-95-3/A/CTS/CC**

Cable Terminations for 1/3 core cables from 7kV to 42kV

REPL Heat Shrinkable Cable Termination Kits are extensively tested and used worldwide for reliable cable junctions in the voltage range from kV to 42kV.

The kits are designed for either indoor or outdoor applications and be used with polymeric or paper insulated cables using either compression or mechanical type lugs (which can be supplied in the kit if specified).

The termination kits combine the anti-tracking external tubing for excellent weathering and electrical properties together with internal stress control for field control at the insulation screen cut achieved by a separate stress control tube RHT type.

Where applicable, sheds are included for extending the creepage distance – kits can be tailored with extra sheds for areas with high pollution or for coastal installations. For cables with armouring, a solderless earth kit is included to create a consistent connection from the cable screen and armour.

Tested to:

- IEC 60502-4

- CENELEC HD 629.S1

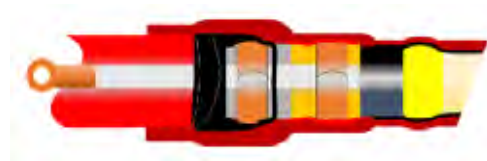
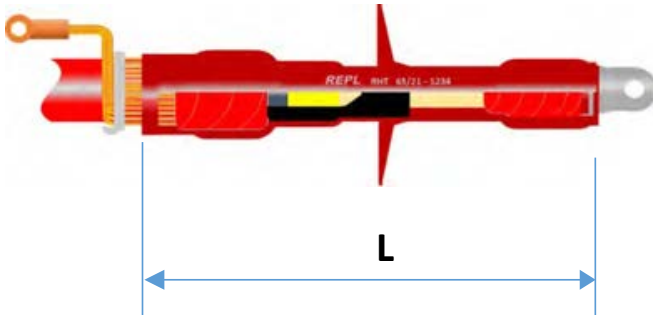
Technical Details for RHT Heat Shrinkable Cable Termination System

Voltage Class:	7.2kV	12kV	17.5kV	24kV	36kV	42kV
Cross Section Range (mm ²)	25 - 1000	25 - 1000	35 - 1000	35 - 1000	50 - 1000	50 - 1000
Voltage Rating U ₀ /U (U _m) kV	3.8/6.6 (7.2)	6.35/11 (12)	8.7/15 (17.5)	12.7/22 (24)	19/33 (36)	20.8/35 (42)
Basic Impulse Level (BIL) kV	60	95	95	125	194	200
Partial Discharge at 1.73U ⁰ (pC)	<10	<10	<10	<10	<10	<10
AC Voltage Withstand , 5 min (kV)	>17	>28.5	>39	>57	>85.5	>93.5
DC Voltage Withstand , 15min (kV)	>23	>38	>52	>76	>114	>125



RHT-(7-42)X-1

**Cable Terminations for 1 core
polymeric insulated cables from
7kV to 42kV**



Features:

- Designed to comply with **CENELEC HD 629.S1, IEC 60502-4**
- Unlimited shelf life
- Adjustable Tail Length
- For use indoor or outdoor environments
- Resistant to chemicals, UV Light and water ingress
- Suitable for use with mechanical or compression cable lugs

Kit Contents:

Standard Kits for un-armoured cables:

1. Cable phase lug (optional – supplied only if specified)
2. Sealing mastic for top seal / metallic screen
3. Anti-tracking Heat Shrinkable tube
4. Creepage Extension Sheds – based on voltage/type
5. Stress control Heat Shrinkable tube
6. Stress control / void filling mastic
7. Constant force spring for copper tape screen
8. Tinned copper braid for copper tape screen
9. Copper crimp Lug for copper wire screen (optional – supplied only if specified)

Kit Contents:

Standard Kits for armoured cables:

1. Cable phase lug (optional – supplied only if specified)
2. Sealing mastic for top seal / metallic screen
3. Anti-tracking Heat Shrinkable tube
4. Creepage Extension Sheds – based on voltage/type
5. Stress control Heat Shrinkable tube
6. Stress control / void filling mastic
7. Constant force spring for copper tape screen
8. Tinned copper braid for copper tape screen
9. Copper crimp Lug for copper wire screen (optional – supplied only if specified)
10. Constant force spring for armour
11. Black sealing mastic for armours

Kits are normally supplied in sets of Three phases

On Outdoor Version, the Specific creepage is $> 31\text{mm/kV}$ = Class IV Heavy Pollution according to IEC 60071-2
If required, a longer tail length and/or additional creepage sheds can be offered.

Cross section is a guide only based on standard IEC designs- the cable insulation diameter is more critical dimension to ensure tube fits the cable to be terminated.



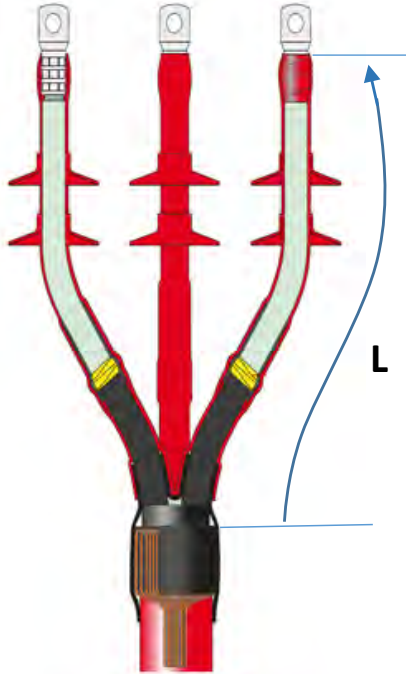
RHT-(7-42)X-1

Voltage	Conductor Cross Section (mm ²)	Product Code Single Core INDOOR Termination	Tail Length L mm	Product Code Single Core OUTDOOR Termination	Tail Length L mm
Heat Shrinkable Termination for Polymeric Insulated single core cables rated at Um= 7.2kV					
7.2 kV	25 - 70	RHTI 7X 25-70-1	350	RHTO 7X 25-70-1	450
	95 - 150	RHTI 7X 95-150-1	350	RHTO 7X 95-150-1	450
	185 - 300	RHTI 7X 185-300-1	350	RHTO 7X 185-300-1	450
	400 - 630	RHTI 7X 400-630-1	350	RHTO 7X 400-630-1	450
	800 - 1000	RHTI 7X 800-1000-1	350	RHTO 7X 800-1000-1	450
Heat Shrinkable Termination for Polymeric Insulated single core cables rated at Um= 12kV					
12 kV	25 - 70	RHTI 12X 25-70-1	400	RHTO 12X 25-70-1	550
	95 - 150	RHTI 12X 95-150-1	400	RHTO 12X 95-150-1	550
	185 - 300	RHTI 12X 185-300-1	400	RHTO 12X 185-300-1	550
	400 - 630	RHTI 12X 400-630-1	400	RHTO 12X 400-630-1	550
	800 - 1000	RHTI 12X 800-1000-1	400	RHTO 12X 800-1000-1	550
Heat Shrinkable Termination for Polymeric Insulated single core cables rated at Um= 17.5kV					
17.5 kV	25 - 50	RHTI 17X 25-50-1	450	RHTO 17X 25-50-1	650
	70 - 150	RHTI 17X 70-150-1	450	RHTO 17X 70-150-1	650
	185 - 300	RHTI 17X 185-300-1	450	RHTO 17X 185-300-1	650
	400 - 630	RHTI 17X 400-630-1	450	RHTO 17X 400-630-1	650
	800 - 1000	RHTI 17X 800-1000-1	450	RHTO 17X 800-1000-1	650
Heat Shrinkable Termination for Polymeric Insulated single core cables rated at Um= 24kV					
24 kV	25 - 70	RHTI 24X 25-70-1	500	RHTO 24X 25-70-1	700
	95 - 150	RHTI 24X 95-150-1	500	RHTO 24X 95-150-1	700
	185 - 300	RHTI 24X 185-300-1	500	RHTO 24X 185-300-1	700
	400 - 630	RHTI 24X 400-630-1	500	RHTO 24X 400-630-1	700
	800 - 1000	RHTI 24X 800-1000-1	500	RHTO 24X 800-1000-1	700
Heat Shrinkable Termination for Polymeric Insulated single core cables rated at Um= 36kV					
36 kV	25 - 70	RHTI 36X 25-70-1	650	RHTO 36X 25-70-1	800
	95 - 150	RHTI 36X 95-150-1	650	RHTO 36X 95-150-1	800
	185 - 300	RHTI 36X 185-300-1	650	RHTO 36X 185-300-1	800
	400 - 630	RHTI 36X 400-630-1	650	RHTO 36X 400-630-1	800
	800 - 1000	RHTI 36X 800-1000-1	650	RHTO 36X 800-1000-1	800
Heat Shrinkable Termination for Polymeric Insulated single core cables rated at Um= 42kV					
42 kV	25 - 70	RHTI 42X 25-70-1	800	RHTO 42X 25-70-1	1000
	95 - 150	RHTI 42X 95-150-1	800	RHTO 42X 95-150-1	1000
	185 - 300	RHTI 42X 185-300-1	800	RHTO 42X 185-300-1	1000
	400 - 630	RHTI 42X 400-630-1	800	RHTO 42X 400-630-1	1000
	800 - 1000	RHTI 42X 800-1000-1	800	RHTO 42X 800-1000-1	1000



RHT-(7-42)X-3

Cable Terminations for 3 core polymeric insulated cables from 7kV to 42kV



Features:

- Designed to comply with **CENELEC HD 629.S1, IEC 60502-4**
- Unlimited shelf life
- For use indoor or outdoor environments
- Resistant to chemicals, UV light and water ingress
- Adjustable Tail Length
- Suitable for use with mechanical or compression cable lugs (available as an option)

Kit Contents:

Standard Kits for un-armoured cables:

1. Cable phase lug (optional – supplied only if specified)
2. Sealing mastic for top seal / metallic screen
3. Anti-tracking Heat Shrinkable tube
4. Creepage Extension Sheds – based on voltage/type
5. Heat Shrinkable 3 core breakout
6. Stress control Heat Shrinkable tube
7. Stress control / void filling mastic
8. Constant force spring for copper tape screen
9. Tinned copper braid for copper tape screen
10. Copper crimp Lug for copper wire screen (optional – supplied only if specified)

Kit Contents:

Standard Kits for armoured cables:

1. Cable phase lug (optional – supplied only if specified)
2. Sealing mastic for top seal / metallic screen
3. Anti-tracking Heat Shrinkable tube
4. Creepage Extension Sheds – based on voltage/type
5. Heat Shrinkable 3 core breakout
6. Stress control Heat Shrinkable tube
7. Stress control / void filling mastic
8. Constant force spring for copper tape screen
9. Tinned copper braid for copper tape screen
10. Copper crimp Lug for copper wire screen (optional – supplied only if specified)
11. Constant force spring for armour
12. Black sealing mastic for armours

Kits are normally supplied in sets of Three phases

On Outdoor Version, the Specific creepage is $> 31\text{mm/kV}$ = Class IV Heavy Pollution according to IEC 60071-2
If required, a longer tail length and/or additional creepage sheds can be offered

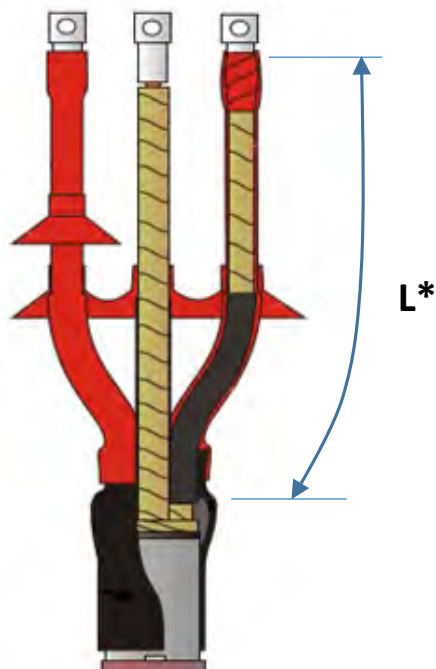
Cross section is a guide only based on standard IEC designs- the cable insulation diameter is more critical dimension to ensure tube fits the cable to be terminated.



RHT-(7-42)X-3

Voltage	Conductor Cross Section (mm ²)	Product Code INDOOR Termination	Tail Length L mm	Product Code OUTDOOR Termination	Tail Length L mm
Heat Shrinkable Termination for Polymeric Insulated cables rated at Um= 7.2kV					
7.2 kV	25 - 70	RHTI 7X 25-70-3	400	RHTO 7X 25-70-3	500
	95 - 150	RHTI 7X 95-150-3	400	RHTO 7X 95-150-3	500
	185 - 300	RHTI 7X 185-300-3	400	RHTO 7X 185-300-3	500
	400 - 630	RHTI 7X 400-630-3	400	RHTO 7X 400-630-3	500
Heat Shrinkable Termination for Polymeric Insulated cables rated at Um= 12kV					
12 kV	25 - 70	RHTI 12X 25-70-3	450	RHTO 12X 25-70-3	650
	95 - 150	RHTI 12X 95-150-3	450	RHTO 12X 95-150-3	650
	185 - 300	RHTI 12X 185-300-3	450	RHTO 12X 185-300-3	650
	400 - 630	RHTI 12X 400-630-3	450	RHTO 12X 400-630-3	650
Heat Shrinkable Termination for Polymeric Insulated cables rated at Um= 17.5kV					
17.5 kV	25 - 70	RHTI 17X 25-70-3	500	RHTO 17X 25-70-3	700
	95 - 150	RHTI 17X 95-150-3	500	RHTO 17X 95-150-3	700
	185 - 300	RHTI 17X 185-300-3	500	RHTO 17X 185-300-3	700
	400 - 630	RHTI 17X 400-630-3	500	RHTO 17X 400-630-3	700
Heat Shrinkable Termination for Polymeric Insulated cables rated at Um= 24kV					
24 kV	25 - 70	RHTI 24X 25-70-3	550	RHTO 24X 25-70-3	800
	95 - 150	RHTI 24X 95-150-3	550	RHTO 24X 95-150-3	800
	185 - 300	RHTI 24X 185-300-3	550	RHTO 24X 185-300-3	800
	400 - 630	RHTI 24X 400-630-3	550	RHTO 24X 400-630-3	800
Heat Shrinkable Termination for Polymeric Insulated cables rated at Um= 36kV					
36 kV	25 - 70	RHTI 36X 25-70-3	750	RHTO 36X 25-70-3	1000
	95 - 150	RHTI 36X 95-150-3	750	RHTO 36X 95-150-3	1000
	185 - 300	RHTI 36X 185-300-3	750	RHTO 36X 185-300-3	1000
	400 - 630	RHTI 36X 400-630-3	750	RHTO 36X 400-630-3	1000
Heat Shrinkable Termination for Polymeric Insulated cables rated at Um= 42kV					
42 kV	25 - 70	RHTI 42X 25-70-3	900	RHTO 42X 25-70-3	1200
	95 - 150	RHTI 42X 95-150-3	900	RHTO 42X 95-150-3	1200
	185 - 300	RHTI 42X 185-300-3	900	RHTO 42X 185-300-3	1200
	400 - 630	RHTI 42X 400-630-3	900	RHTO 42X 400-630-3	1200

RHT-(7-36)P-3



Cable Terminations for 1 or 3 core paper insulated cables from 7kV to 36kV

The kits are designed for either indoor or outdoor applications for cables with paper insulation and lead sheaths.

The termination kits combine the anti-tracking external tubing for excellent weathering and electrical properties together with an internal stress control tube for field control with oil barrier tubing over the paper insulation.

Features:

- Designed to comply to **CENELEC HD 629.S1**
- Unlimited shelf life
- Adjustable Tail Length
- For use indoor or outdoor environments
- Resistant to chemicals, UV light and water ingress
- Suitable for use with mechanical or compression cable lugs (available as an option)

Kit Contents:

Standard Kits for un-armoured cables:

1. Cable phase lug
(optional – supplied only if specified)
2. Red sealing mastic for top seal
3. Lug Seal
4. Anti-tracking Heat Shrinkable tube
5. Clear insulating oil barrier tube
6. Stress Control Heat Shrinkable tube
7. Stress control / void filling yellow mastic
8. Conductive breakout (3 core version)
9. Creepage extension sheds – (based on voltage/type)
10. Constant force spring
11. Sealant mastic for metallic screen connection
12. Armour earthing materials (if specified)

Kits are normally supplied in sets of Three phases

On Outdoor Version, the Specific creepage is $> 31\text{mm/kV}$ = Class IV Heavy Pollution according to IEC 60071-2
If required, a longer tail length and/or additional creepage sheds can be offered

Cross section is a guide only based on standard IEC designs- the cable insulation diameter is more critical dimension to ensure tube fits the cable to be terminated.



RHT-(7-36)P-1

Voltage	Conductor Cross Section (mm ²)	Product Code Single Core INDOOR Termination	Tail Length L mm	Product Code Single Core OUTDOOR Termination	Tail Length L mm
Heat Shrinkable Termination for PILC single core cables rated at Um= 7.2kV					
7.2 kV	25 - 70	RHTI 7P 25-70-1	350	RHTO 7P 25-70-1	450
	95 - 150	RHTI 7P 95-150-1	350	RHTO 7P 95-150-1	450
	185 - 300	RHTI 7P 185-300-1	350	RHTO 7P 185-300-1	450
	400 - 630	RHTI 7P 400-630-1	350	RHTO 7P 400-630-1	450
	800 - 1000	RHTI 7P 800-1000-1	350	RHTO 7P 800-1000-1	450
Heat Shrinkable Termination for PILC single core cables rated at Um= 12kV					
12 kV	25 - 70	RHTI 12P 25-70-1	400	RHTO 12P 25-70-1	550
	95 - 150	RHTI 12P 95-150-1	400	RHTO 12P 95-150-1	550
	185 - 300	RHTI 12P 185-300-1	400	RHTO 12P 185-300-1	550
	400 - 630	RHTI 12P 400-630-1	400	RHTO 12P 400-630-1	550
	800 - 1000	RHTI 12P 800-1000-1	400	RHTO 12P 800-1000-1	550
Heat Shrinkable Termination for PILC single core cables rated at Um= 17.5kV					
17.5 kV	25 - 50	RHTI 17P 25-50-1	450	RHTO 17P 25-50-1	650
	70 - 150	RHTI 17P 70-150-1	450	RHTO 17P 70-150-1	650
	185 - 300	RHTI 17P 185-300-1	450	RHTO 17P 185-300-1	650
	400 - 630	RHTI 17P 400-630-1	450	RHTO 17P 400-630-1	650
	800 - 1000	RHTI 17P 800-1000-1	450	RHTO 17P 800-1000-1	650
Heat Shrinkable Termination for PILC single core cables rated at Um= 24kV					
24 kV	25 - 70	RHTI 24P 25-70-1	500	RHTO 24P 25-70-1	700
	95 - 150	RHTI 24P 95-150-1	500	RHTO 24P 95-150-1	700
	185 - 300	RHTI 24P 185-300-1	500	RHTO 24P 185-300-1	700
	400 - 630	RHTI 24P 400-630-1	500	RHTO 24P 400-630-1	700
	800 - 1000	RHTI 24P 800-1000-1	500	RHTO 24P 800-1000-1	700
Heat Shrinkable Termination for PILC single core cables rated at Um= 36kV					
36 kV	25 - 70	RHTI 36P 25-70-1	650	RHTO 36P 25-70-1	800
	95 - 150	RHTI 36P 95-150-1	650	RHTO 36P 95-150-1	800
	185 - 300	RHTI 36P 185-300-1	650	RHTO 36P 185-300-1	800
	400 - 630	RHTI 36P 400-630-1	650	RHTO 36P 400-630-1	800
	800 - 1000	RHTI 36P 800-1000-1	650	RHTO 36P 800-1000-1	800



RHT-(7-36)P-3

Voltage	Conductor Cross Section (mm ²)	Product Code INDOOR Termination	Tail Length L mm	Product Code OUTDOOR Termination	Tail Length L mm
Heat Shrinkable Termination for PILC cables rated at Um= 7.2kV					
7.2 kV	25 - 70	RHTI 7P 25-70-3	400	RHTO 7P 25-70-3	500
	95 - 150	RHTI 7P 95-150-3	400	RHTO 7P 95-150-3	500
	185 - 300	RHTI 7P 185-300-3	400	RHTO 7P 185-300-3	500
	400 - 630	RHTI 7P 400-630-3	400	RHTO 7P 400-630-3	500
Heat Shrinkable Termination for PILC cables rated at Um= 12kV					
12 kV	25 - 70	RHTI 12P 25-70-3	450	RHTO 12P 25-70-3	650
	95 - 150	RHTI 12P 95-150-3	450	RHTO 12P 95-150-3	650
	185 - 300	RHTI 12P 185-300-3	450	RHTO 12P 185-300-3	650
	400 - 630	RHTI 12P 400-630-3	450	RHTO 12P 400-630-3	650
Heat Shrinkable Termination for PILC cables rated at Um= 17.5kV					
17.5 kV	25 - 70	RHTI 17P 25-70-3	500	RHTO 17P 25-70-3	700
	95 - 150	RHTI 17P 95-150-3	500	RHTO 17P 95-150-3	700
	185 - 300	RHTI 17P 185-300-3	500	RHTO 17P 185-300-3	700
	400 - 630	RHTI 17P 400-630-3	500	RHTO 17P 400-630-3	700
Heat Shrinkable Termination for PILC cables rated at Um= 24kV					
24 kV	25 - 70	RHTI 24P 25-70-3	550	RHTO 24P 25-70-3	800
	95 - 150	RHTI 24P 95-150-3	550	RHTO 24P 95-150-3	800
	185 - 300	RHTI 24P 185-300-3	550	RHTO 24P 185-300-3	800
	400 - 630	RHTI 24P 400-630-3	550	RHTO 24P 400-630-3	800
Heat Shrinkable Termination for PILC cables rated at Um= 36kV					
36 kV	25 - 70	RHTI 36P 25-70-3	750	RHTO 36P 25-70-3	1000
	95 - 150	RHTI 36P 95-150-3	750	RHTO 36P 95-150-3	1000
	185 - 300	RHTI 36P 185-300-3	750	RHTO 36P 185-300-3	1000
	400 - 630	RHTI 36P 400-630-3	750	RHTO 36P 400-630-3	1000



Unscreened cable adaptor for Type C bushing up to 24kV

The REPL unscreened connector system is a right angled adapter designed to fit over standard MV cable terminations when used with equipment bushings to Type C according to EN 50180 and EN 50181.

It provides insulation enhancement and can be easily disconnected for testing and then reconnected with standard tooling under dead break conditions. The body is made from Silicon rubber based material with excellent anti-tracking properties. The body and termination are not screened and therefore during operation the surfaces will be considered live and must not be touched.

- For Voltage Range 6/10(12)kV up to 12/20(24)kV
- Kit contains M12/M16 burning connection bolt, washer & nut
- For connection to C type bushings according to EN 50180 and EN 50181
- Tested to CENELEC HD 629.1
- One size is suitable for all cable types from 70 - 300mm²
- Easy to install with comprehensive instructions included in each kit
- Unlimited shelf life at normal storage temperatures

RUSK – Unscreened Separable Connector

Product Code	Cable Cross Section mm ²	Voltage kV
RUSK-1 (set of 3)	70 - 300	12 - 24





Flexible Insulating Bushing Boot Kit to provide insulation enhancement for MV cable termination installed in in dry air filled cable boxes up to 24kV

The RCFB flexible insulating boot is a cold applied system to provide increased insulation for medium voltage cable terminations. They are used in switchgear and transformer cable boxes where the air clearances are not sufficient to prevent electrical flashover due to high humidity or rodents. The boots are manufactured from a highly insulating and anti-track material with excellent weathering properties for a durable long life installation. The boot allows for either a straight or right angled configuration and will fit over standard Heat Shrinkable or cold applied terminations. The boots are installed easily without special tooling and can be removed for testing and then reinstalled



RCFB-1 / RCFB-2
flexible boot

RCFB-0
(Reducing Adaptor for
smaller bushings
30-45mm diameter)

Kit Contents (RCFB-1 / RCFB-2)

- Set of 3 Elastomeric flexible bushing boots
- Silicone Grease
- Installation Instructions

Kit Contents (RCFB-0 reducing adaptor)

- Set of 3 Elastomeric bushing adaptors
- Silicone Grease
- Installation Instructions

- Unlimited shelf life
- Fully tested in accordance to **HD629.1-S1, IEC 60502-4**
- Kits designed to cover a wide range of cable sizes and bushing diameters (smaller bushings require RCFB-0 adaptor)
- Works with standard Heat Shrinkable or Cold Shrinkable terminations

RCFB – Flexible Bushing Boot

Product Code	Product	Bushing Diameter Range	Maximum Voltage kV	Cable Size Range mm ²
RCFB-2	Set of 3 boots	46 - 70mm	24	185 - 630
RCFB-1	Set of 3 boots	46 - 70mm	17.5	35 - 400
			24	35 - 300
RCFB-0	Set of 3 bushing adaptors	30 - 45mm	17.5	35 - 400



RHSB/RHRB



Heat Shrinkable Straight and Right Angle Insulating Bushing Boot Kits

Heat Shrinkable Insulating Boots can be used to insulate bushings in medium voltage cable boxes up to 36kV, particularly where the normal clearance between phase to phase and phase to earth is less than the required value. These boots provide protection against flashover in the event of any surge impulse, high humidity or rodent menace contact. The boots are made from thermally stabilised cross linked material for excellent insulation and weather resistant properties. The boots are internally coated with a hot melt adhesive.

- Unlimited shelf life
- Kits designed to cover a wide range of cable sizes and bushing diameters
- Works with standard Heat Shrinkable terminations

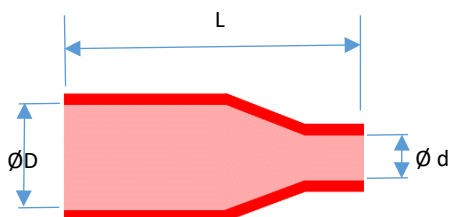
RHRB

Right Angled Heat Shrinkable Boot



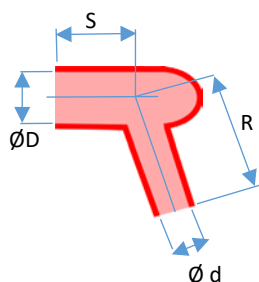
RHSB

Straight Heat Shrinkable Boot



RHSB – Straight Heat Shrinkable Boot

Product Code	Voltage kV	Cable Size Range mm ²	ØD (E-S) mm	Ød (E-S) mm	L (S) mm
RHSB-1-17	Up to 17.5	35 - 95mm ²	80 - 33	34 - 20	225
RHSB-2-17	Up to 17.5	95 - 400mm ²	80 - 33	58 - 20	225
RHSB-2-24	24	95 - 300mm ²	80 - 33	58 - 20	225
RHSB-3-36	36	95 - 630mm ²	140 - 65	90 - 33	325



RHRB – Right Angle Heat Shrinkable Boot

Product Code	Voltage kV	Cable Size Range mm ²	ØD (E-S) mm	Ød (E-S) mm	S (S) mm	R (S) mm
RHRB-1-17	Up to 17.5	35 - 95	70 - 37	36 - 20	100	130
RHRB-2-17	Up to 17.5	120 - 300	70 - 37	50 - 27	110	140
RHRB-3-17	Up to 17.5	185 - 630	95 - 37	67 - 27	120	140
RHRB-2-24	24	95 - 500	95 - 37	67 - 27	120	140
RHRB-3-36	36	95 - 630	145 - 72	65 - 34	155	150