Cable Joint Products

Heat Shrink closure Non - Pressurized & Pressurized

RTSM

Dome Closure

RLSS

RPBS

Vault Closure

Lead Sleeve

Mechanical Closure

Pillar Dp Jointing Kit

Compound Splice Filling

ELFIT - RHS 550 Non-Pressurized Closure

RHS 550 utilize the latest state of art technology combining reinforced heat shrinkable polymers and high performance hot-melt adhesives to ensure reliable closure seal.

RHS 550 Joint closures are the most advanced heat-shrinkable closures available for the protection of cable joints in a telephone network

Elfit Arabia has pioneered in supplying all the materials needed by the jointer to complete the closure in one kit. Various kits are aviabale a for non-pressurized & pressurized cables, aerial, buried or ducted, non-filled or jelly filled, with lead or polyethylene sheaths.

Feature:
- Suitable for aerial, buried and ducted Applications
- Composite material provides high mechanical strength
- Range of closures to suit all cable sizes
- Up to 3 cable out at each end
- The T.I.M painted on the skin of Heat Shrinkable Closure Changes Colour, on heating
- Two white lines are seen under channels.
- Using the reinforced heat shrinkable closure with aluminum layer prevents tearing during installation.
- Simple kit components make installation fast and easy.
- No Special tool required.
- Can accomodate variety of cable diameters.
- Suitable to apply on shaped or circular cables
- Suitable for jointing, for any angle of incidence

ELFIT - RHS 550 Kit Contents

- Heat Shrinkable Sleeve
- Aluminum Canister (2 half shells)
- S.S. Channel with under clip if needed
- Abrasive Strip
- Desiccant (silica gel)
- Aluminum Cable Foil
- Cleaning Tissue
- Bonding Gauge
- Shield Continuity Wire
- Aluminum Foil Laminated (optional)
- Installation Instructions
- Branch-off Kit

ELFIT - Branch-off Kit Contents

- Branch-off Clip
- Shield Continuity Clip
- Connector
- Cleaning Tissue
- Aluminum Foil
- Cable Tie
- Abrasive Strip

*Each Standard ELFIT Closure Kit Contains one branch-off-kit

RTSM Protection of Lead Telephone Cable Splices

Corrosion protection and strain relief of lead jacketed telephone cable splices are provided by the **ELFIT – RTSM** heat-shrinkable wraparound system.

Installation is fast and simple, only normal cleaning procedures for lead jackets and a standard jointer's torch for shrinking the sleeve onto the splice area being needed.

Product Code	Description – Size in mm
KI 0116 A	RTSM 43/8, Sleeve L=900
KI 0117 A	RTSM 75/15, Sleeve L=1200
KI 0118 A	RTSM 100/25, Sleeve L=1200
KI 0119 A	RTSM 125/30, Sleeve L=1200
KI 0120 A	RTSM 164/43, Sleeve L=1200
KI 0121 A	RTSM 200/50, Sleeve L=1200

Dome Closure

Heat shrinkable radial distribution closures are re-enterable dome and clamp closures with the ease of installation, speed and reliability.
Accommodates main, looped cables of 20 to 100Paris.
Additional capacity for up to 8 more cables from 2 to 20pairs which can be added at any time
A flexible mounting bracket enables Dome to be fitted in footway boxes or on poles.

Product Code	Description – Size in mm
CL 0175 A	Dome Closure 100Pair
CL 0211 A	Dome Closure 200Pair

Mechanical Closures

Feature:
* Access to splice area as often as required without the need of spare parts and consumables.
* High-quality sealing material guarantees watertight encapsulation of the splice area.
* Closure housing made of plastic which withstand high mechanical load.
* Easy and fast installation without additional energy e.g. gas or electricity.
* Re-opening and re-closing of the closure very simple to handle.
* Reliable strain relief system integrated in end caps
* No harmful substances are used.

Product Code	Description – Size in mm
CL 0219 C	Clousure, UC 3-5
CL 0220 C	Clousure, UC 4-6

*Other Sizes of UC & UCN upon request

ELFIT - RHS 1000 – Pressurized Closure

RHS 1000 Wraparound Closure Kit for Pressurized Cables

- Glass fibre composite structure gives high split resistance
- Few components, fast and easy installation
- High "craft friendliness" enhanced by visual indicators for optimum installation
- Approval for 4 cables in or out
- Interchangeable air valve, air connector or low profile blanking screw
- Lead or polyethylene jacketed cables
- Can be used on single and double sheathed cables
- Range of closures to suit all cable sizes
- Hot-melt adhesive designed specifically for pressurized closure applications

RHS 1000 is the most advanced pressurized closure system available. It is based on a unique glass fibre reinforced heat-shrinkable composite material. This material offers extra ordinary mechanical and environmental protection. It reinforces split resistance during installation and has superior mechanical toughness. The closures have built-in visual indicators to ensure optimum installation under the most severe conditions.

RHS 1000 is quick and easy to install using only a standard gas torch. The closure is completely wraparound allowing it to be used for both new work and maintenance on ducted or direct buried cables with polyethylene, lead and aluminum sheathing up to 4800 pairs. Three fingered clips allow branching of up to four cables at each end. The kit also contains a range of fully interchangeable air fittings, which can be incorporated in the closure.

Ray Fort auxiliary Lead Sleeve (RLSS)

RLSS is a high performance heat-shrinkable wraparound sleeve, which provides a permanent bond between plastic cable jackets, and auxiliary lead sleeves used on lead splice closures

RLSS is suitable for buried and ducted applications. The composite material provides high mechanical strength and ease of installation in confined spaces. The adhesive coating is suitable for both lead and polyethylene substrates.

RLSS available in 4sizes to suit all applications. Installation is effected using a standard jointer's torch.

Product Code	Description – Size in mm
KI 0150 A	RLSS 45/08, Sleeve L=210
KI 0151 A	RLSS 65/20, Sleeve L=250
KI 0152 A	RLSS 95/30, Sleeve L=250
KI 0149 A	RLSS 125/40, Sleeve L=330

Ray Fort Pressure Blocking System (RPBS)

RPBS forms a pressure block for the whole pressurized cable range.

The sleeve incorporates glass fibre reinforced material ensuring high mechanical strength and simple installation.
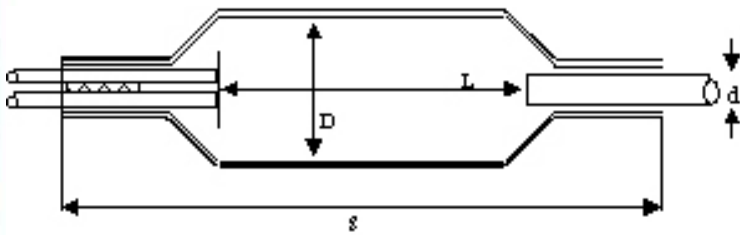
RPBS can be used on polyethylene or lead sheathed cables.

Selection chart for single sheathed cables

Product Code	Description – Size in mm
KI 0028 A	RPBS 50/25-1 (S.O=150)
KI 0029 A	RPBS 75/50-1 (S.O=200)
KI 0027 A	RPBS 100/70-1 (S.O=250)

Note: S.O = Sheath Opening. Also available RPBS for double sheathed cable upon request

D = Splice Bundle Diameter
d = Min. Cable Dia
L = Max. Joint Gap
S = Overall Joint Length

All Dimensions in mm

Selection Chart RHS 550

Product Code	Elfit Description	Splice Bundle Dia. D max	Cable Diameter d min	Max. Joint gap L	Overall Joint Length S	Branch off Clip
KI 0056 A	RHS 550-43/8-200	43	8	200	250	Small
KI 0122 A	RHS 550-43/8-350	43	8	350	400	Small
KI 0048 A	RHS 550-75/15-250	75	15	250	300	Small
KI 0052 A	RHS 550-75/15-500	75	15	500	550	Small
KI 0049 A	RHS 550-92/25-300	92	25	300	350	Medium
KI 0039 A	RHS 550-92/25-500	92	25	500	550	Medium
KI 0053 A	RHS 550-92/25-650	92	25	650	700	Medium
KI 0054 A	RHS 550-122/30-300	122	30	300	350	Medium
KI 0038 A	RHS 550-122/30-500	122	30	500	550	Medium
KI 0050 A	RHS 550-122/30-650	122	30	650	700	Medium
KI 0033 A	RHS 550-160/42-500	160	42	500	550	Large
KI 0051 A	RHS 550-160/42-720	160	42	720	770	Large

Selection Chart RHS 1000

Product Code	Elfit Description	Splice Bundle Dia. D max.	Cable Diameter D min	Sheath Opening L nom	Overall Length sum of branch cable S	Max. Recommended dia 2out	3out	4out	Branch-off Clip
KI 0061 A	RHS 1000-62/15-250	62	15	250	600	52	40		Medium
KI 0063 A	RHS 1000-62/15-350	62	15	350	690	52	40		Medium
KI 0064 A	RHS 1000-92/30-350	92	30	350	690	82	70	58	Medium
KI 0060 A	RHS 1000-92/30-500	92	30	500	850	82	70	58	Medium
KI 0062 A	RHS 1000-122/38-500	122	38	500	870	112	100	88	Medium
KI 0065 A	RHS 1000-160/55-650	160	55	650	1050	142	130	118	Large
KI 0066 A	RHS 1000-200/65-720	200	65	720	1150	172	160	148	Large

* Any other sizes available upon request

Vault Closure

The Vault Closure System is used for the distribution of telecommunication cables in telephone exchanges. Mechanical Strength and heat resistance are integrated by the reinforced heat shrinkable sleeve.

Characteristics:

- Metal canister provides extremely high mechanical load bearing capacity
- Hot melt adhesive reliably seals the splice against humidity
- Only 5 sizes are needed for any type of cable; capacity up to 2000 Pairs
- Reopening of the splice area for testing and measuring possible
- No special tools required

Product Code	VCKT Size	Joint L	Outer Ø Splice Prot.	Cable Ø min	Sleeve Length
KI 0148 A	90-3	510	85	30	650
KI 0144 A	125-6	510	120	35	850
KI 0145 A	125-9	740	120	35	1000
KI 0146 A	155-12	740	152	55	1000
KI 0147 A	205-20	740	196	65	1000

Pure Lead Sleeve Closures

Made of pure lead sleeve used for cable jointing.

Product Code	Inner Ø x Outer Ø x L x T
LE 0034 A	25 x 29 x 1000mm x 2mm
LE 0041 A	45 x 49 x 700mm x 2mm
LE 0045 A	65 x 69 x 1000mm x 2mm
LE 0004 A	100 x 106 x 1000mm x 3mm
LE 0010 A	120 x 126 x 1000mm x 3mm
LE 0017 A	150 x 158 x 1000mm x 3mm
LE 0021 A	160 x 168 x 1000mm x 4mm
LE 0025 A	170 x 178 x 1000mm x 4mm
LE 0030 A	180 x 190 x 700mm x 5mm
LE 0032 A	190 x 200 x 2000mm x 5mm
LE 0033 A	200 x 210 x 2000mm x 5mm

*Any other Size/ length available on request also available auxiliary Lead Sleeves for Cable Joints

Compound, Splice Filling

Used to encapsulate and provide waterproof protection for underground buried, or aerial cable joints in non-pressurized or filled cables, such as CEF, CEFE and EEMS

Product Code	Description – Size in mm
CO 0018 A	500g Splice Filling Kit
CO 0014 A	1kg Splice Filling Kit
CO 0019 A	1.5 kg Splice Filling Kit
CO 0020 A	5 kg Splice Filling Kit
CO 0015 A	8 kg Splice Filling Kit
CO 0016 A	10kg Splice Filling Kit
CO 0017 A	15kg Splice Filling Kit

* Any other Sizes available on request

Epoxy Resin, Compound & Hardener

The Compound, Block Encapsulating is Composed of two Components an **epoxy resin** with a mixture of a filler, and a suitable setting agent or **Hardener**.

The Compound is used to encapsulate and provide a pressure plug in air core stub cable terminations on various types of terminal block

Product Code	Description – Size in mm
CO 0006 A	Compound, Epoxy Resin 1 Kg
CO 0008 A	Compound, Epoxy Resin 0.5Kg
CO 0009 A	Compound, Epoxy Resin 0.25 Kg
HA 0016 A	Hardener 200g
HA 0017 A	Hardener 100g
HA 0019 A	Hardener 50g

*Any other Size available on request

C - Cement

Used as an adhesive coating when making pressure tight joints and connections on cable sheaths

Product Code	Description
CE 0001 A	C – Cement 118ml

Dessicant

Product Code	Description – Size in mm
DE 0001 A	Dessicant Powder 0.25Kg/can
DE 0002 A	Dessicant Powder 1.00Kg/can

Jointing Kit – Type 50

Type 50 Jointing kit is able to accommodate

One 10mm OD secondary cable, with one 10Pair stub cable (min)

Two 30mm OD secondary cables, with two 10Pair stub cables (max)

Closure Kit Consists

- Closure Ethylene Propylene Diene Monomer–EPDM
- Protective Tape
- Butyl Putty Tape
- DR Tape
- Electro Tape
- Cable Tie
- Terminal Block (optional)
- Sealing Gasket (optional)

Product Code	Description
KI 0073 A	Kit, Jointing Type 50

Jointing Kit – Type 100

Type 100 Jointing kit is able to accommodate

Two 30mm OD secondary cables, with one 10Pair cable (min)

Two 45mm OD secondary cables, with two 10Pair stub cables (max)

Closure Kit Consists same as Type 50

Product Code	Description
KI 0072 A	Kit, Jointing Type 100

Jointing Kit – for Ericsson Cabinet

- Closure Ethylene Propylene Diene Monomer–EPDM
- Protective Tape
- Butyl Putty Tape
- DR Tape
- Electro Tape
- Cable Tie
- Terminal Block (optional)
- Sealing Gasket (optional)

Joint Kit Closure for Ericsson Cabinet Joint Protection

Product Code	Description – Size in mm
KI 0074 A	Kit, Jointing Closure for Ericsson Cabinets

* Any other Sizes available on request