

# Resin Joints

# Resin Wrap Straight Joint

## Application

- > Jointing of Auxiliary multi-core and multi-pair cables to ESI Standard 09-6
- > Jointing cables laid underground or in tunnels
- > Auxiliary
- > Non-armoured or armoured with aluminium or steel wire
- > Filled or non-filled
- > Up to 100 Pairs

## Features & Benefits

- > No need for special tools or moulds
- > The completed joint can be installed in any position
- > Simple and extremely versatile

## Quality Assurance

The company has been approved by third party assessment

## Standards

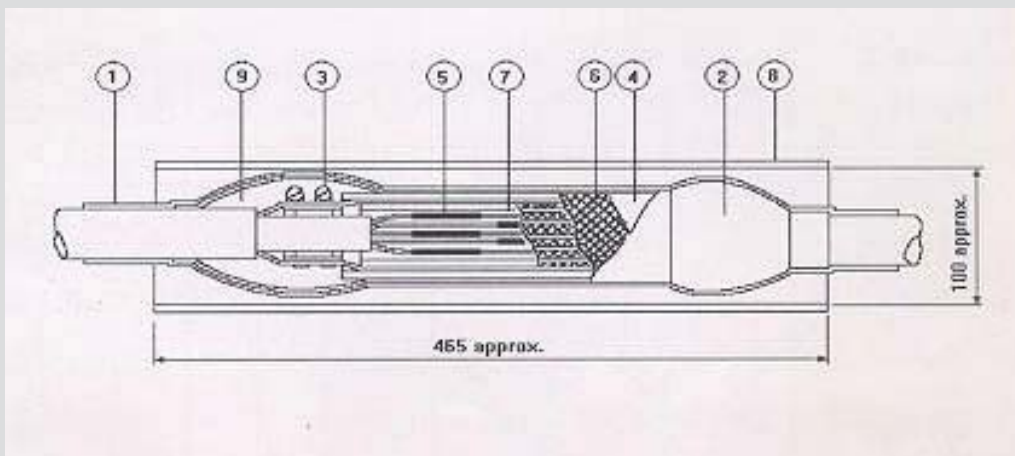
- > Meets the requirements of C64
- > Type Test PG72 details high withstand joints

## Packing

- > Supplied as a kit for one joint containing all the necessary components
  - > Shipping weight and volume (approx.) of kit
- |        |                     |
|--------|---------------------|
| 3.7 kg | 0.015m <sup>3</sup> |
|--------|---------------------|

# Low Voltage Cable Jointing Kits

## Selection Information



1. **P.I.B. Self-Amalgamating Tape** - provides electrical strength
2. **Adhesive PVC Tape** - applied with 50% overlap over the aluminium envelope
3. **Hose clip** - secures the armour wires around copper bonding liner
4. **Aluminium Laminated Foil Envelope** - filled with resin and wrapped around the joint
5. **Heat Shrinkable Polyethylene Sleeve** - positioned centrally over the ferrule
6. **Rigid Polyethylene Mesh** (resin impregnated) - wrapped around the jointed wires and secured with binders
7. **Resin** - provides additional insulation and mechanical protection around the cores
8. **Polyethylene Sleeve** - Provides protection against impact
9. **Resinwrap Dispenser Tape** (resin impregnated) - provides mechanical protection

## Product Selection

Drawing No.	Withstand Voltage	ESI 09-6 Table No.	Filled/ Unfilled	Armour Type	Pilot Core Cable			Telephone Pair Cables			
					7 c	19 c	37 c	7pr	19pr	37pr	61pr
607065-6	Normal	2.1/3.8	Unfilled	SWA	005	006	008	017	004	003	016
6070132-TYPE1	Normal	2.1/3.8	Filled	SWA	-	-	-	-	-	-	-
6070126-12	High	2.1/3.9	Unfilled	SWA	020	012	005	009	004	010	006
6070127-4	High	2.1/3.9	Filled	SWA	-	-	-	003	002	004	007
6070119-4	High	3.10	Unfilled	SWA	-	-	-	005	002	003	-
6070134-5	High	3.10	Filled	SWA	-	-	-	-	005	003	-

## Ordering Details

When making an order, the full cable details should be stated. Information should include number of pairs, withstand voltage type, conductor size, filled or unfilled and the relevant Table number in [ESI-09-6](#).

Example. Order Code for 19 pair, filled, SWA, to table 3.9 of ESI 09-6, **6070127-4-002**

The first figure in the ESI 09-16 column refers to Pilot cable and the second figure refers to Telephone cable.

## Recommendations for Testing After Installation

Withstand Voltage	
Less than 5kV (Normal)	7.5kV d.c. for 1 minute
5kV - 15kV (High)	15kV d.c. for 1 minute

Withstand Voltage (Normal/High) refers to the voltage tested between conductors