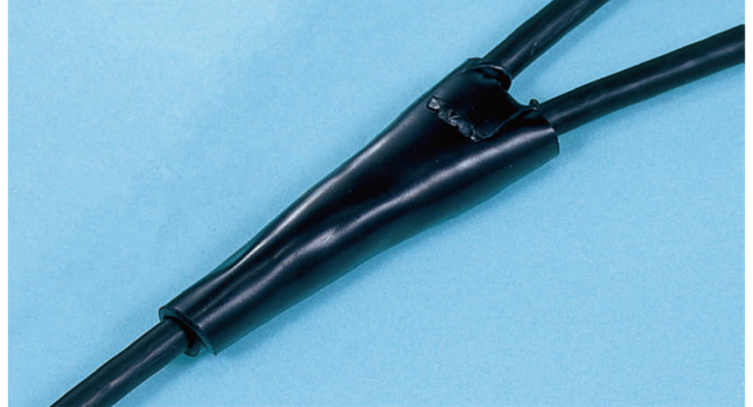


Adhesive Sheet Joint Y

Low voltage branch joint, waterproof adhesive rubber sheet type
Universally suitable to branch off power cables and wires insulated with PVC, PE, XLPE, and EPR with or without concentric conductor. Suitable for copper conductors.

Characteristics

- Extremely quick & simple assembly only wrapping sheet
- Compact dimensions
- Ready for immediate operation
- High electrical insulating values
- Use of fire is dispensed
- Halogen free
- Heavy metal free



Technical data

| | |
|------------------|--------------------------------|
| Voltage level | $U_0 / U (U_m)$ 0.6/1 (1.2) kV |
| AC withstand | 1 min at 4000V |
| Waterproof class | IPX7 |

Application

- Indoor • Outdoor • Installation duct • Underground*
- * In case cables directly settle into soil, waterproof is not guaranteed

Selection Guide

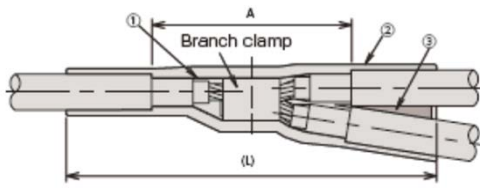
| Conductor main (mm ²) | Conductor branch (mm ²) | | | | | | | | | | | | | |
|-----------------------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 4.0 | 6.0 | 10 | 16 | 25 | 35 | 50 | 70 | 95 | 120 | 150 | 185 | 240 | 300 |
| 4.0 | T-11 | | | | | | | | | | | | | |
| 6.0 | T-11 | T-16 | | | | | | | | | | | | |
| 10 | T-16 | T-16 | T-20 | | | | | | | | | | | |
| 16 | T-20 | T-26 | T-26 | T-44 | | | | | | | | | | |
| 25 | T-44 | T-44 | T-44 | T-44 | T-60 | | | | | | | | | |
| 35 | T-44 | T-44 | T-60 | T-60 | T-60 | T-76 | | | | | | | | |
| 50 | T-60 | T-60 | T-60 | T-76 | T-76 | T-98 | T-122 | | | | | | | |
| 70 | T-76 | T-76 | T-98 | T-98 | T-98 | T-122 | T-122 | T-154 | | | | | | |
| 95 | T-122 | T-122 | T-122 | T-122 | T-122 | T-154 | T-154 | T-190 | T-190 | | | | | |
| 120 | T-154 | T-154 | T-154 | T-154 | T-154 | T-190 | T-190 | T-190 | T-240 | T-240 | | | | |
| 150 | T-154 | T-190 | T-190 | T-190 | T-190 | T-190 | T-240 | T-240 | T-288 | T-288 | T-365 | | | |
| 185 | T-190 | T-240 | T-240 | T-240 | T-240 | T-240 | T-240 | T-288 | T-365 | T-365 | T-365 | T-450 | | |
| 240 | | | T-288 | T-288 | T-288 | T-288 | T-365 | T-365 | T-365 | T-450 | T-450 | T-450 | T-560 | |
| 300 | | | T-365 | T-365 | T-365 | T-365 | T-365 | T-450 | T-450 | T-450 | T-450 | T-560 | T-560 | T-700 |
| 400 | | | T-450 | T-450 | T-450 | T-450 | T-450 | T-560 | T-560 | T-560 | T-560 | T-700 | T-700 | T-700 |

| | |
|-----------------------------------------------------------------------------------------------------------------------------|-----|
| | 3-1 |
| | 3-2 |
| | 3-3 |

- Branch clamps NOT included.
- For single core only.
- Selection Guide for the T-type (C Shape) branch clamp for connection to 1 main and 1 branch (tap) conductor. If the main cable will be cut and connected, confirm that the total cross-sectional area falls within the applicable clamp size.

Installation Procedure

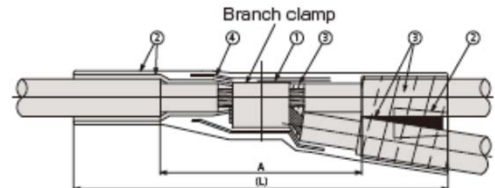
TYPE 3-1, 3-2



- ① Insulation sheet
- ② Adhesive sheet
- ③ Sealing putty

| Branch clamp model number | TYPE | Dimensions(mm) | |
|---------------------------|------|----------------|-----|
| | | A | L |
| Under T154 | 3-1 | 60 | 150 |
| T190-T365 | 3-2 | 120 | 205 |

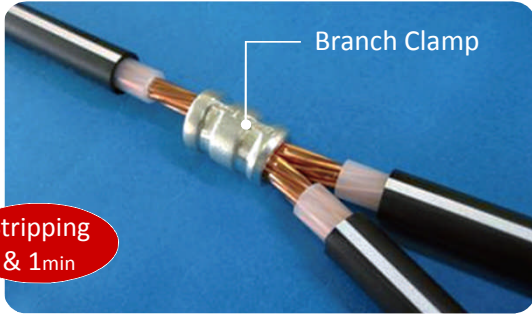
TYPE 3-1, 3-2



- ① Insulation sheet
- ② Adhesive sheet
- ③ Sealing putty
- ④ Insulation tape

| Branch clamp model number | TYPE | Dimensions(mm) | |
|---------------------------|------|----------------|-----|
| | | A | L |
| T450-T700 | 3-3 | 150 | 240 |

1



- Crimp somewhere within the length A.
- Note ⚠ Branch clamp : T-Type (C Shape)
- Main conductor : drawing

1

2

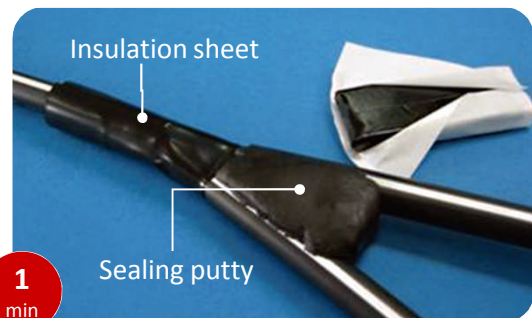
0.5 min

- Remove release paper from insulation sheet
- Wrap an insulation sheet around the clamp at least twice so that the clamp is completely hidden

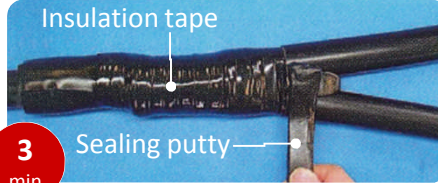
3

3

1 min



3 min



- Before applying putty, wind insulation tape around insulation sheet
- *Only type 3-3

4

4

1 min



- Apply putty to fill in the area between the main and branch. Making sure that there are no gaps.

5

- Remove the release paper from the adhesive sheet.
- Wrap the connection area with the sheet.
- Fit the sheet to the shape. Not to leave air.
- Note ⚠ For the strong adhesion of the sheet, once it is wrapped, it is hard to tear it off completely

6

0.5 min



- Cover branch portion with the adhesive sheet (small)
- *Only type 3-3

7

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FURUKAWA ELECTRIC POWER SYSTEMS

Installation Movie URL <http://www.youtube.com/watch?v=DX7XIH3xP4>

Youtube Search Keyword "FEPS" "Adhesive sheet joint" "low voltage"



Installation Movie



This brochure

<http://www.feps.co.jp/english/>

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