



## EM-WRAP

UNIQUE GEL-FREE  
WRAP CLOSURE



Certified IP67 rating

Unique gel free technology

Provides protection to microduct tube bundle

# EM-WRAP

The EM-WRAP is a flexible wrap closure designed to provide additional mechanical protection to microduct tube bundles at a joint location or where a window cut has been made, and microducts are branched off.

What makes the EM-WRAP unique is its gel-free technology, making it fast and easy to install and reusable. The flexible closure is stretchable and fits perfectly over Emtelle's FibreFlow tube bundles, whether the microducts are buried, ducted or overhead. The installation is easy by simply wrapping the sheath around the tube bundles and inserting the tabs through their corresponding openings to form a sealed wrap, fixed in place by cable ties. In cases where additional longitudinal water tightness is required, the EM-WRAP comes with its double-layer option, which even offers IP67 protection.

can be cut to 30cm if required

40cm

Options Available:  
Single layer  
Double layer

Outer Wrap

All materials are  
RoHS approved

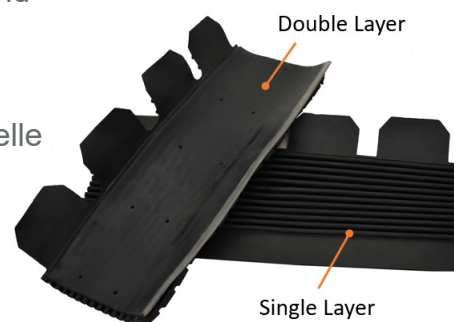
Inner Wrap

## BENEFITS

- Certified IP67 rating for double layer version: Provides water ingress for straight joint & up to 4 x Ø7mm drop ducts (2 from each direction) when using amalgamation tape \*
- Single layer option for use in scenarios where water ingress is not an issue \*\*
- Unique gel free technology
- Double & single layer option available in 40cm lengths (can be cut in 10cm increments)
- Strong temperature resistance: -25 to +60°C
- Flexible wrap design: Even fits over products that are not entirely round
- Stretchable outer jacket • Dielectric • Low profile closure
- Fast and easy installation • Re-openable & re-useable
- Ideal for many types of ducted Microduct bundles available from Emtelle
- UV stabilized outer body

\* tested and certified by an external test institute

\*\* Single layer option not IP-rated & therefore reliant on watertight microduct connectors.



# EM-WRAP

## APPLICATION

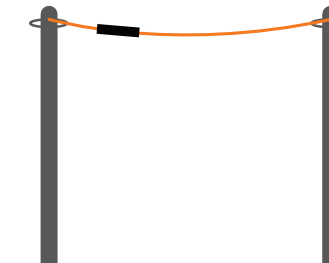
Offering additional protection for microducts when being branched or jointed. Ideally suited for PIA/ DPA installations when used with FibreFlow 12-way 5/3.5mm or 3-way 10/8+3-way 5/3.5mm.

### UNDER GROUND



Underground ducted systems using Emtelle's FibreFlow blown fibre system

### AERIAL



Overhead installation using Emtelle FibreFlow blown fibre system

### DIRECT BURY



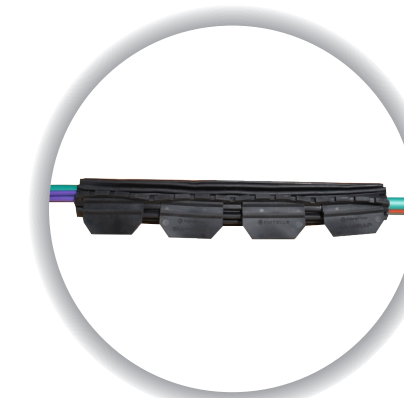
Buried applications where thick walled microducts require some additional protection

## INSTALL STEPS



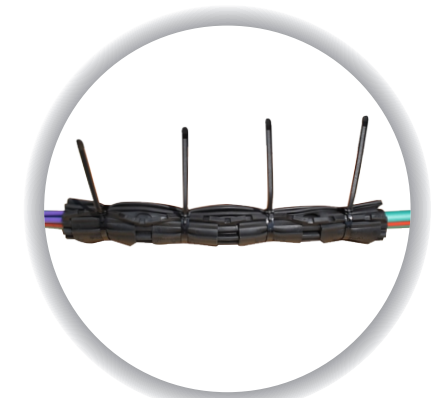
### Step 1

Wrap the EM-WRAP around tube bundle and microducts



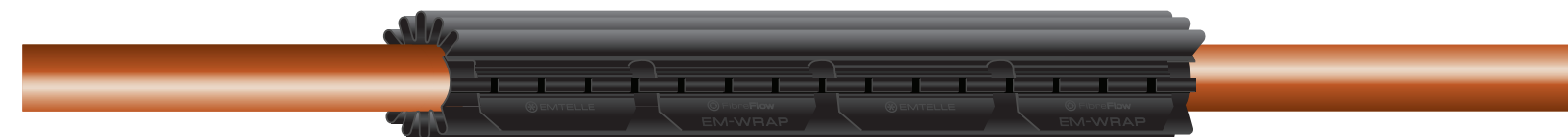
### Step 2

Pull through the EM-WRAP tabs



### Step 3

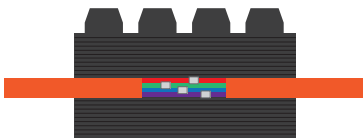
To secure the wrap in place tighten with supplied cable ties



# EM-WRAP

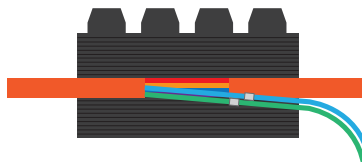
## INSTALL SCENARIOS

### STRAIGHT JOINT



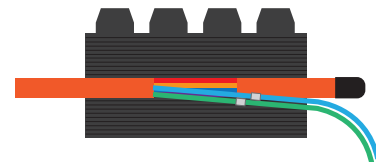
Connecting 2 tube bundles together to continue the route

### WINDOW CUT & DROPS



Drop tubes to be branched off to individual homes

### DEAD END



Remaining drops to home and end cap placed on tube bundle

## VIDEO

Scan the QR code to access all relevant video on EM-WRAP. There you will find a step by step guide for each option (single or double layer) & each installation scenario (Straight, branching or dead end).



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