

## UK\_DS\_75129 Double Layer



## EM-WRAP



### 1.0 Product Description

---

Ensuring that microduct joints are adequately protected in a blown fibre system is an important factor that needs to be considered by all network owners and installers. There are many closures that are available for this application and they are available in a number of sizes at varying price options. Emtelle have developed the new EM-Wrap closure which can be used universally over multiple tube bundle diameters from 20mm upto 40mm (including connectors).

EM-Wrap can be used as a protective barrier for straight joints and branch joints when branching Emtelle's microducts.

### 2.0 Design

---

The double layer EM-Wrap closure that's wrapped around the tube bundles gives mechanical protection when buried in the ground, installed in access chambers, or used in overhead networks an additional inner layer offers some water resistance after installation.

The Emwrap closure has been designed to fit over Emtelle's Fibreflow tube bundles, when a joint or branch is required. It is ideal for FTTH applications, whether the microducts are overhead, ducted or buried. The installation is easy by simply wrapping the rubber sheath around the tube bundles and inserting the tabs through their corresponding openings to form a sealed wrap. Cable ties are then applied to secure the closure in place. This closure is ideal for offering additional protection, especially for PIA / DPA installations.

## UK\_DS\_75129 Double Layer

### 3.0 Features & Benefits

---

- \*IP67 rated for straight joint & upto 4 x Ø7mm drop ducts (2 from each direction) when using additional amalgamating tape.
- Operational between -25 - +60°C
- Fits over products which are not entirely round
- Stretchable rubber outer jacket
- Dielectric
- Low profile closure
- Fast and easy installation
- Re-openable & re-useable
- 2 Layer version available in 30cm lengths (it can be cut in 10cm increments)
- Ideal for many types of ducted Microduct bundles available from Emtelle
- UV stabilized outer body

\*Emtelle conducted multiple in-house tests of the 2-Layer EM-Wrap Product design to the IP rating test requirements and there were no leaks apparent. This has been deemed compliant to the framework of IP67 rating against the ingress of liquid.

### Product Codes and kit contents

---

Emtelle order 75129 – Double layer, Sealable EM-Wrap

- 2 x rolls of amalgamating tape,
- 3 x releasable cable tie,
- 2 x large cable ties.

### Material & Technical data

---

- Operation: -25°C to 60°C
- Polyolefin based thermoplastic elastomer that handles like rubber
- UV-Stabilized

### Application

---

Ideal for use in underground and overhead installations, the EM-WRAP can be fitted to Ø20mm - Ø40mm microduct bundles (size including connectors).

View an Installation video here –



## UK\_DS\_75129 Double Layer

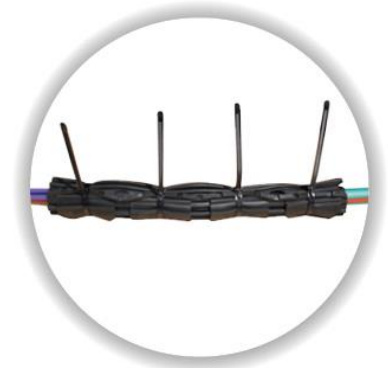
Further instructions are available on request.



**Stage 1**  
Wrap around the tube  
bundle



**Stage 2**  
Pull the tabs through the  
loops



**Stage 3**  
Secure in place with  
cable ties

This document is intended as a guide only. Whilst the information it contains is believed to be correct, Emtelle can take no responsibility for actions taken based on the information contained in this document. Emtelle reserves the right to make changes to this document without notice. All sales of product are subject to Emtelle's terms and conditions of sale only, which can be found on Emtelle's website. This document is protected by copyright (c) Emtelle Group [2020]. The products depicted are protected by intellectual property rights. Any unauthorized copying of this document or of our products is prohibited and Emtelle UK Limited will take action to prevent any infringement of its rights and to claim damages for the loss that it suffers.

[www.emtelle.com](http://www.emtelle.com)