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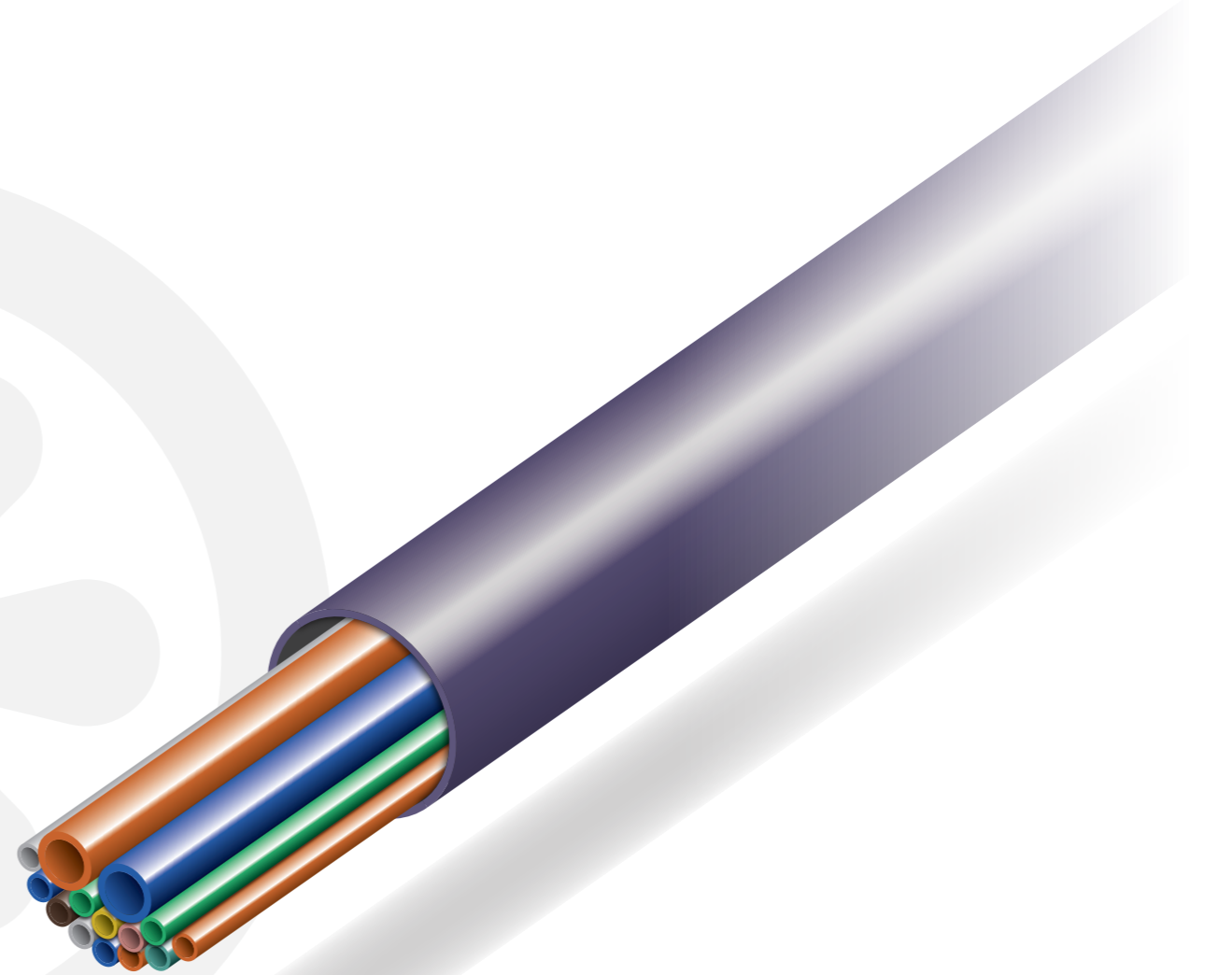
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FibreFlow FlexformTM
for Narrow trenching
and Open Trench

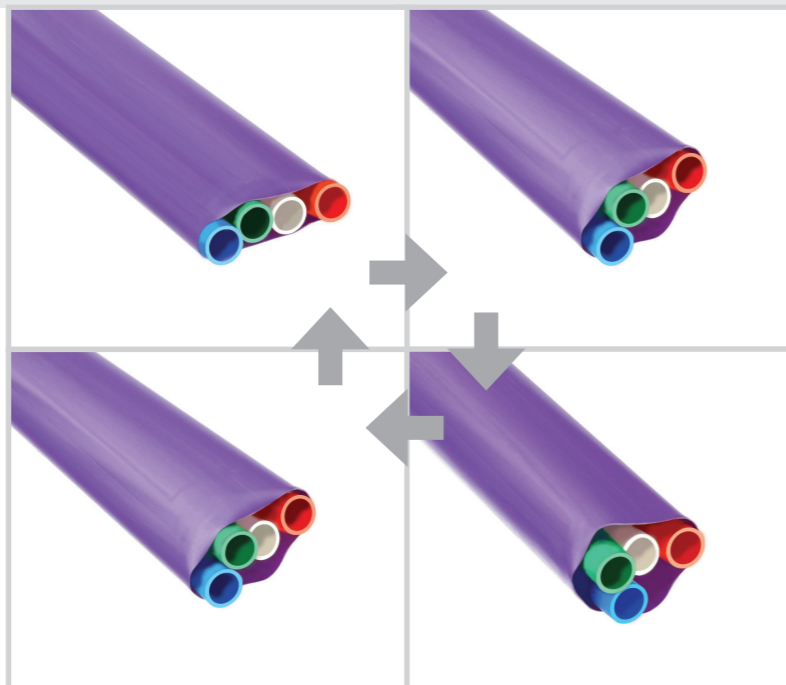
Emtelle FibreFlowFlexform™ - for Narrow trenching and Open Trench



With over 30 years of experience in the FTTx industry, Emtelle is a leading global manufacturer of FTTx Solutions. We have a proven track record, and a reputation for exemplary customer service.

Manufacturing

Manufacturing facilities in Scotland (2), Denmark and India with 70,000m² manufacturing space.
Fully Integrated – in house manufacture of air blown fibre unit, microducts, optical fibre cables, duct and subduct.
Over 20 billion metres of microducts manufactured and sold since 1993.



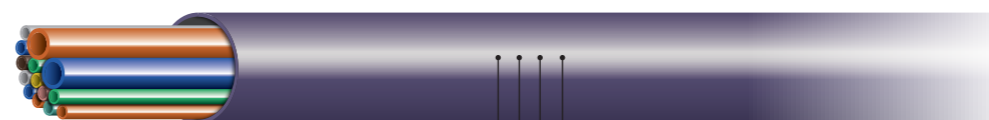
FibreFlowFlexform™

Emtelle's Flexform product range allows for an unlimited variation of microducts to be contained within a thin sheath. The microducts are free to move inside, which allows the whole tube bundle to be flexed, formed and manipulated into microtrenches, which may be narrower than the tube bundle outside diameter. The thin sheath allows for easy extraction of the individual microducts if they are to be pulled back and dropped off to a customer's premises.

Each microduct in the bundle can accept a 2 fibre bundle. Flexform tube bundles can be made up from microducts, which accept minicable or fibre unit with a maximum sheath diameter of 112mm.

WHY USE

FibreFlowFlexform™ :



- Combinations of Microduct dimensions not constrained by geometry
- Very Flexible, small bend radius
- It holds itself into position - no clips required
- Easy access and identification

Key Points

- Designed to be installed by blowing
- Low weight
- Small diameter
- All dielectric design
- Ultra low friction sheath

Vertex Products from Emtelle

Vertex is the brand name given to our range of products specifically designed for use with microtrenching applications. Microducts as big as 25mm (feeder network) can be incorporated into a Vertex product, which will accept a 288 fibre cable. The smallest sized microduct currently being used in microtrenching products is 5mm (access networks) and can be fed to the customer without the need for any connectors in the route, or a hybrid product incorporating various microduct sizes can be designed. All Vertex products are designed specifically to customer requirements which allows the product, microtrench and network to be used to its full potential.



Micro trenching / Narrow trenching

Microtrenching is the process of cutting a slot in the ground/ asphalt to create a trench for the ducted network to install fibre optic cables.

- Country Specific Standard are being written
- Seen as a 'Cost Optimised' solution for Rural and Urban FTTX
- The smallest Micro trench isn't always the cheapest
- Product Choice is 'Key' for Initial demand, Day 2 demand and all future demand. Easy & Fast Maintenance and restoration is essential for a successful network



Scan the QR-code with your smartphone and get your Free Microtrenching report here