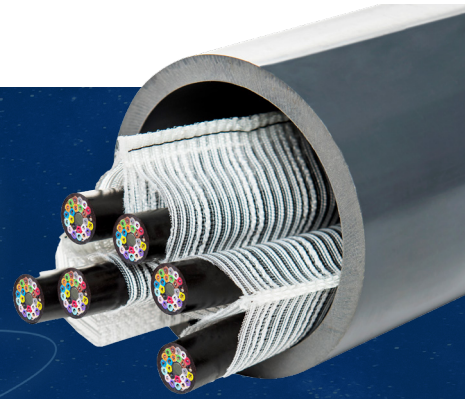




OptiCell™ Edge

36 mm Flexible Innerduct System



OptiCell™ Edge innerduct is a flexible fabric system designed specifically for increasing conduit capacity. The unique textile construction allows OptiCell™ innerduct to conform to the shape of cables placed within, greatly reducing wasted space and increasing cable deployment efficiency.

Technical Information

| | |
|------------------------------|--|
| Material Fabric | Warp - Polyester Monofilament Filling - Nylon/Polyester |
| Pull Tape | High Tenacity Multifilament Polyester core with polyethylene monofilament jacket 5.5 mm 450 kg breaking tensile |
| Sewing Line | Bonded Polyester |
| Temperature Range | -30°C to 100°C |
| Lubricate | 100% Silicon Oil |
| Breaking Tensile | 3-Cell > 900 kg 2-Cell > 600 kg 1-Cell > 300 kg |
| % Elongation @ 50 kgs | < 3% |
| Melting Point | >215°C |
| Thermal Expansion | 8.4 mm/100 m/ 5°C |
| Reel Length | 1000 m (Standard) Min 500 m/Max 6300 (3-cell) |
| Chemical Resistance | Resistance to ground chemicals and petroleum products |

Key Features

- Configurations in 1, 2, and 3-cells available for all products
- Pre-installed MaxGlide rope is standard
- Pre-lubricated for lower pulling tensions

STANDARD

| | |
|-------------|-----------------|
| EDGE 3614-1 | 1-Cell Standard |
| EDGE 3614-2 | 2-Cell Standard |
| EDGE 3614-3 | 3-Cell Standard |

APPLICATION

Minimum Duct/Conduit ID (3-cell): 34 mm
Maximum cable diameter for each cell: 14 mm
See Design Manual for Overlay and Multiple packs installation.

ACCESSORIES

| | |
|---|-----------------|
| Milliken Pull Tapes (Standard) | |
| MT565-xx | 12 mm Pull Tape |
| MT815-xx | 16 mm Pull Tape |
| MT1135-xx | 20 mm Pull Tape |
| Milliken Pull Tapes (Detectable) | |
| DT565-xx | 12 mm Pull Tape |
| DT815-xx | 16 mm Pull Tape |
| DT1135-xx | 20 mm Pull Tape |

TOOLS FOR INSTALLATION

| | | |
|----------|-----------------|------------|
| Swivel | Pull Tape | Vinyl Tape |
| Scissors | Extra Lubricant | Cable Grip |

- x Designate color of thread RD (Red), BK (Black), BL (Blue), L (Yellow), GR (Green)
- xx Designate spool length 1000 (1000 m spool), 1500 (1500 m spool)

The information contained in this document is subject to change without notice.

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