

# PRODUCT SPECIFICATION

**PRODUCT:** OPTICELL FLEXIBLE SUBDUCT

### OPTICELL FLEXIBLE SUBDUCT (MAXCELL)

CODE	PRODUCT DESCRIPTION	SIZE	UNIT MEASURE	UNIT WEIGHT	UNITS PER PALLET
4G44182	OptiCell 4G 2 Cell, Max Cable OD 18mm, MaxGlide	1000m x 18mm	reel	72kg	2
4G44182D	OptiCell 4G 2 Cell, Max Cable OD 18mm, MaxGlide Detectable	1000m x 18mm	reel	95kg	2
4G44182D500	OptiCell 4G 2 Cell, Max Cable OD 18mm, MaxGlide Detectable	500m x 18mm	reel	48kg	3
4G44183	OptiCell 4G 3 Cell, Max Cable OD 18mm, MaxGlide	1000m x 18mm	reel	100kg	2
4G52223	OptiCell 4G 3 Cell, Max Cable OD 22mm, Pull Tape	1000m x 22mm	reel	125kg	2
4G1000	OptiCell subduct Pit Notice Tape	72mm x 66m	roll		
MRSO50-M8	Spider 50mm Rodding Head M8 Thread		each		
Other Opticell sizes available as special order					

## PRODUCT DESCRIPTION



OptiCell™ 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.

- Configurations in 2 and 3 cells
- Standard and Detectable versions
- Pre-installed color-coded pulling tapes standard
- Pre-lubricated for lower pulling tensions
- Resistant to ground chemicals and petroleum products

Information contained in this data sheet is subject to change at the discretion of Tapex Industrial Pty Ltd. Values provided are nominal values only except where specified.

**ISSUE 1 DATE 15 JUNE 2021**

CONFIDENTIAL - THIS DOCUMENT IS NOT TO BE COPIED, PRODUCED OR REDISTRIBUTED IN PART OR WHOLE WITHOUT PRIOR WRITTEN PERMISSION FROM TAPEX INDUSTRIAL PTY LTD



## TECHNICAL SPECIFICATION

<b>MATERIAL FABRIC:</b>	Warp: Polyester Monofilament. Filling: Nylon/Polyester
<b>MATERIAL PULL TAPE:</b>	High Tenacity Multifilament Polyester. 12mm/Optional 20mm.
<b>SEWING LINE:</b>	Bonded Polyester
<b>TEMPERATURE RANGE:</b>	-30°C to 100°C
<b>LUBRICANT:</b>	100% Silicon Oil
<b>BREAKING TENSILE:</b>	3-Cell >1100kg 2-Cell >800kg
<b>% ELONGATION @ 50kgs:</b>	<3%
<b>MELTING POINT:</b>	>215°C
<b>THERMAL EXPANSION:</b>	8.4mm/100m/5°C
<b>DETECTABLE WIRE:</b>	Optional AWG 18Ga. (0.75mm <sup>2</sup> ) Solid Core Copper with Vinyl and Nylon Insulation
<b>REEL LENGTH:</b>	1000m (Standard) Min 500m/ Max 6300m (3-cell)
<b>CHEMICAL RESISTANCE:</b>	Resistance to ground chemicals and petroleum products

Information contained in this data sheet is subject to change at the discretion of Tapex Industrial Pty Ltd. Values provided are nominal values only except where specified.

**ISSUE 1 DATE 15 JUNE 2021**

CONFIDENTIAL - THIS DOCUMENT IS NOT TO BE COPIED, PRODUCED OR REDISTRIBUTED IN PART OR WHOLE WITHOUT PRIOR WRITTEN PERMISSION FROM TAPEX INDUSTRIAL PTY LTD