

# 11.1 Cablelok

## Introduction

### Cablelok 100% Mechanical Seal

Fibre engineers and network owners are increasingly insisting on 100% mechanically sealed closures.

Traditional heatshrink methods for cable sealing are time consuming; dependent on the skill of the engineer; and the access required around the port means heatshrink is not conducive to high port densities, particularly applicable in today's FTTX environment. There are also health and safety concerns relating to gas bottle storage/transportation and confined space use.

HellermannTyton's patented Cablelok mechanical seal enables fast safe cable installation, providing a highly repeatable and consistent seal between the cable and the closure port with excellent non-leak performance.

Tested to in excess of 6m head of water, the Cablelok does not rely on the skill and experience of the engineer to achieve the required seal, whilst installation times are typically reduced by up to 90%.

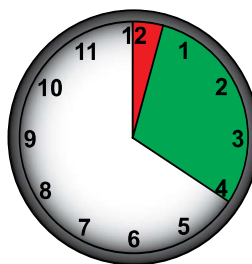
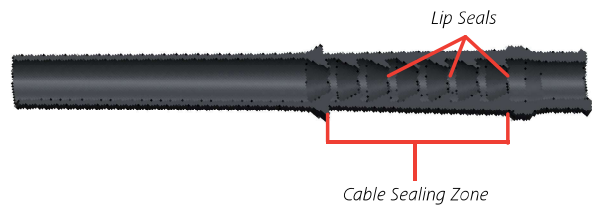
#### How does Cablelok work?

Cablelok is manufactured from an external grade of flexible polychloroprene. Sealing is achieved by multiple internal lip seals which are compressed onto the cable during installation.



### Features and Benefits

- Excellent sealing properties to in excess of 6m head of water (58.8kPa)
- Rapid installation with no specialist tools required
- Highly repeatable – the quality of the seal is not dependent on the skill of the engineer
- Eliminates the need for potentially hazardous gas bottle transportation and storage
- Ideal for use in hazardous or restricted areas as no heat or gas is required for installation
- Dual outlet versions for loop through applications
- Multi-hole versions are available allowing up to five cable drops from the same port
- Proven technology in the field



- Cablelok™ - 2 mins
- Heatshrink - 20 mins

