

2012/2013

Cablelok™

100% Mechanical Seal

HellermannTyton

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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%.



Cablelok™ - 2 mins
Heatshrink - 20 mins

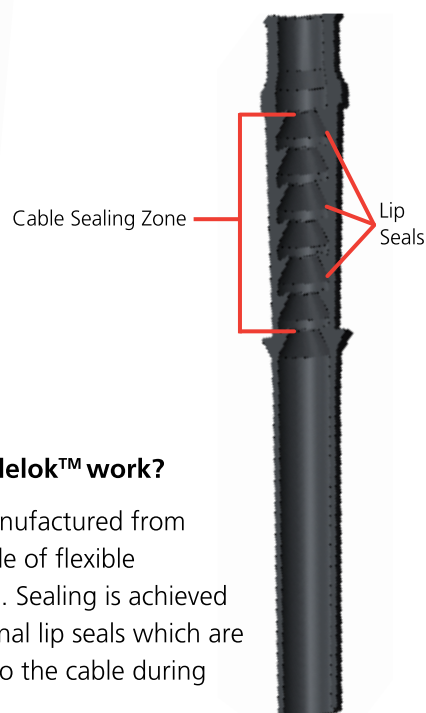
Oval Port Cablelok™

Round Port Cableloks™



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 two cable drops from the same port
- Proven technology in the field



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.

Selecting the Correct Cablelok™

Each port size on the HellermannTyton closures has a unique identifier and a dedicated series of Cableloks (ie: R, B, S, T, LM or L). Every Cablelok™ within a series is specifically designed to accommodate a range of cable diameters. Achieving the required seal performance is simply a case of selecting the correct Cablelok™ for the port and cable combination being used.

Step 1: Determine the diameter of the cable being used.

Step 2: Choose the appropriate closure port to be used and hence port identifier.

Step 3: Identify the correct Cablelok™ using the port and cable ranges shown below.

R Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
1.7 - 2.0	CABLELOK-R10-01 CABLELOK-R10-10	1 10	857-50163 857-50164
2 x 1.7 - 2.0 (2 Cables)	CABLELOK-R10D-01 CABLELOK-R10D-10	1 10	857-50161 857-50162
3.0 - 3.8	CABLELOK-R20-01 CABLELOK-R20-10	1 10	857-50165 857-50166
2 x 3.8 - 4.8 (2 Cables)	CABLELOK-R30D-01 CABLELOK-R30D-10	1 10	857-50159 857-50160
3.8 - 5.2	CABLELOK-R40-01 CABLELOK-R40-10	1 10	857-50151 857-50152
5.2 - 8.0	CABLELOK-R50-01 CABLELOK-R50-10	1 10	857-50153 857-50154
6.0 - 8.5	CABLELOK-R70-01 CABLELOK-R70-10	1 10	857-50167 857-50168
8.0 - 9.5	CABLELOK-R80-01 CABLELOK-R80-10	1 10	857-50155 857-50156
Port Closure Plug	CABLELOK-R99-01 CABLELOK-R99-10	1 10	857-50157 857-50158

Inset Disc Style Tools



B Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
4.8 - 9.0	CABLELOK-B10-01 CABLELOK-B10-10	1 10	857-50149 857-50150
8.0 - 14.0	CABLELOK-B20-01 CABLELOK-B20-10	1 10	857-50143 857-50144
13.0 - 16.5	CABLELOK-B30-01 CABLELOK-B30-10	1 10	857-50145 857-50146
Port Closure Plug	CABLELOK-B99-01 CABLELOK-B99-10	1 10	857-50147 857-50148



Port Opening Tools

Top Hat Style Tools

Part Number	Description	UNS No.
TPC1939	R PORT OPENING TOOL (FRBU, MRBU, RBU, LRB)	857-40173
TPC1940	B PORT OPENING TOOL (4 PORT FST, FRBU, MRBU, RBU, LRB)	857-40174



Top Hat Style Tools

S Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
5.0 - 8.5	CABLELOK-S10-01 CABLELOK-S10-10	1 10	857-50179 857-50180
8.0 - 12.0	CABLELOK-S20-01 CABLELOK-S20-10	1 10	857-50169 857-50170
2 x 10.0 - 11.5 (2 Cables)	CABLELOK-S30D-01 CABLELOK-S30D-10	1 10	857-50177 857-50178
12.0 - 16.0	CABLELOK-S40-01 CABLELOK-S40-10	1 10	857-50171 857-50172
16.0 - 20.0	CABLELOK-S50-01 CABLELOK-S50-10	1 10	857-50173 857-50174
Port Closure Plug	CABLELOK-S99-01 CABLELOK-S99-10	1 10	857-50175 857-50176

T Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
15.5 - 22.0	CABLELOK-T10-01 CABLELOK-T10-10	1 10	857-50189 857-50190
20.0 - 23.5	CABLELOK-T20-01 CABLELOK-T20-10	1 10	857-50181 857-50182
23.5 - 25.5	CABLELOK-T30-01 CABLELOK-T30-10	1 10	857-50183 857-50184
24.5 - 29.0	CABLELOK-T40-01 CABLELOK-T40-10	1 10	857-50185 857-50186
Port Closure Plug	CABLELOK-T99-01 CABLELOK-T99-10	1 10	857-50187 857-50188

LM Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
2 x 4.0 - 6.5	CABLELOK-LM10C-01 CABLELOK-LM10C-10	1 10	857-50203 857-50204
2 x 6.0 - 9.5	CABLELOK-LM20C-01 CABLELOK-LM20C-10	1 10	857-50205 857-50206
2 x 9.0 - 12.5	CABLELOK-LM30C-01 CABLELOK-LM30C-10	1 10	857-50207 857-50208
2 x 12.0 - 15.0	CABLELOK-LM40C-01 CABLELOK-LM40C-10	1 10	857-50209 857-50210
Port Closure Plug	CABLELOK-LM99C-01 CABLELOK-LM99C-10	1 10	857-50211 857-50212

L Port

Cable Ø Range (mm)	Part Number	Pack Quantity	UNS No.
2 x 5.5 - 9.5	CABLELOK-L10C-01 CABLELOK-L10C-10	1 10	857-50199 857-50200
2 x 9.0 - 12.5	CABLELOK-L20C-01 CABLELOK-L20C-10	1 10	857-50213 857-50214
2 x 12.0 - 15.0	CABLELOK-L30C-01 CABLELOK-L30C-10	1 10	857-50191 857-50192
2 x 15.0 - 18.5	CABLELOK-L40C-01 CABLELOK-L40C-10	1 10	857-50193 857-50194
2 x 18.3 - 20.0	CABLELOK-L50C-01 CABLELOK-L50C-10	1 10	857-50195 857-50196
Port Closure Plug	CABLELOK-L99C-01 CABLELOK-L99C-10	1 10	857-50197 857-50198

Inset Disc Style Tools

Part Number	Description	UNS No.
TPC1941	R PORT OPENING TOOL (11 & 13 PORT FST, FDN)	857-40175
TPC1942	B PORT OPENING TOOL (FDN, FML, UFC)	857-40176
TPC1943	S PORT OPENING TOOL (13 PORT FST, FDN, FML, UFC)	857-40177

Europe

HellermannTyton GmbH - Austria
Obachgasse 6
1221 Vienna
Tel: +43 12 59 99 55 - 0
Fax: +43 12 59 99 11
E-Mail: office@HellermannTyton.at
www.HellermannTyton.at

HellermannTyton - Czech Republic
E-Mail: office.cz@HellermannTyton.at
www.HellermannTyton.cz

HellermannTyton Denmark
Baldersbuen 15D 1. TV
2640 Hedehusene
Tel: +45 702 371 20
Fax: +45 702 371 21
E-Mail: htdk@HellermannTyton.dk
www.HellermannTyton.dk

HellermannTyton Oy - Finland
Sähkötie 8
01510 Vantaa
Tel: +358 9 8700 450
Fax: +358 9 8700 4520
E-Mail: myynti@HellermannTyton.fi
www.HellermannTyton.fi

HellermannTyton S.A.S. - France
2 rue des Hêtres, B.P. 130
78196 Trappes Cedex
Tel: +33 1 30 13 80 00
Fax: +33 1 30 13 80 60
E-Mail: info@HellermannTyton.fr
www.HellermannTyton.fr

HellermannTyton GmbH - Germany
Großer Moorweg 45
25436 Tornesch
Tel: +49 4122 701-0
Fax: +49 4122 701-400
E-Mail: info@HellermannTyton.de
www.HellermannTyton.de

HellermannTyton KFT - Hungary
Kisfaludy u. 13
1044 Budapest
Tel: +36 1 369 4151
Fax: +36 1 369 4151
E-Mail: office@HellermannTyton.hu
www.HellermannTyton.hu

HellermannTyton S.r.l. - Italy
Via Praimbole 9 Bis
35010 Limena (PD)
Tel: +39 049 767 870
Fax: +39 049 767 985
E-Mail: info@HellermannTyton.it
www.HellermannTyton.it

HellermannTyton Ltd - Ireland
Unit 77 Cherry Orchard
Industrial Estate
Ballyfermot, Dublin 10
Tel: +353 1 626 8267
Fax: +353 1 626 8022
E-Mail: sales@HellermannTyton.ie
www.HellermannTyton.co.uk

HellermannTyton B.V. - Netherlands/Belgium
Vanadiumweg 11-C
3812 PX Amersfoort
Tel: +31 33 460 06 90
Fax: +31 33 460 06 99
E-Mail: info@HellermannTyton.nl
www.HellermannTyton.nl

HellermannTyton AS - Norway
PO Box 240 Alnabu
0614 Oslo
Tel: +47 23 17 47 00
Fax: +47 22 97 09 70
E-Mail: firmapost@HellermannTyton.no
www.HellermannTyton.no

HellermannTyton - Poland
E-Mail: info@HellermannTyton.pl
www.HellermannTyton.pl

HellermannTyton - Russia
St. Petersburg
E-Mail: info@HellermannTyton.ru
www.HellermannTyton.ru

HellermannTyton - Slovenia
Branch Office Ljubljana
Trubarjeva 79
1101 Ljubljana
Tel: +386 1 433 70 56
Fax: +386 1 433 63 21
E-Mail: sales@HellermannTyton.si
www.HellermannTyton.si

HellermannTyton España s.l. - Spain/Portugal
Avda. de la Industria n° 37, 2° 2°
28108 Alcobendas, Madrid
Tel: +34 91 661 2835
Fax: +34 91 661 2368
E-Mail: HellermannTyton@HellermannTyton.es
www.HellermannTyton.es

HellermannTyton AB - Sweden
Datavägen 5, PO Box 569
17526 Järfälla
Tel: +46 8 580 890 00
Fax: +46 8 580 890 01
E-Mail: support@HellermannTyton.se
www.HellermannTyton.se

HellermannTyton - Romania
Tel: +36 30 539 47 07
Fax: +36 70 900 22 02
E-Mail: office@HellermannTyton.at
www.HellermannTyton.at

HellermannTyton Ltd - UK
Wharf Approach
Aldridge, Walsall, West Midlands
WS9 8BX
Tel: +44 1922 458 151
Fax: +44 1922 743 237
E-Mail: info@HellermannTyton.co.uk
www.HellermannTyton.co.uk

North America

HellermannTyton - Canada
Tel: +1 905 726 1221
Fax: +1 905 726 8538
E-Mail: sales@HellermannTyton.ca
www.HellermannTyton.ca

HellermannTyton - Mexico
Tel: +52 333 133 9880
Fax: +52 333 133 9861
E-Mail: info@HellermannTyton.com.mx
www.HellermannTyton.com

HellermannTyton - USA
Tel: +1 414 355 1130
Fax: +1 414 355 7341
E-Mail: corp@htamericas.com
www.HellermannTyton.com

South America

HellermannTyton - Argentina
Tel: +54 11 4754 5400
Fax: +54 11 4752 0374
E-Mail: ventas@HellermannTyton.com.ar
www.HellermannTyton.com.ar

HellermannTyton - Brazil
Tel: +55 11 4815 9000
Fax: +55 11 4815 9030
E-Mail: vendas@HellermannTyton.com.br
www.HellermannTyton.com.br

Asia-Pacific

HellermannTyton - Australia
Tel: +61 2 9525 2133
Fax: +61 2 9526 2495
E-Mail: cservice@HellermannTyton.com.au
www.HellermannTyton.com.au

HellermannTyton - China
Tel: +86 510 528 2536
Fax: +86 510 528 0112
E-Mail: cservice@HellermannTyton.com.cn
www.HellermannTyton.com.cn

HellermannTyton - Hong Kong
Tel: +852 2832 9090
Fax: +852 2832 9381
E-Mail: cservice@HellermannTyton.com.hk
www.HellermannTyton.com.sg

HellermannTyton - India
Tel: +91 11-2620 9230/6661 9230
Fax: +91 11-2620 9330/6661 9330
E-Mail: cservice@HellermannTyton.co.in
www.HellermannTyton.co.in

HellermannTyton - Japan
Tel: +81 3 5790 3111
Fax: +81 3 5790 3112
E-Mail: cservice@HellermannTyton.co.jp
www.HellermannTyton.co.jp

HellermannTyton - Korea
Tel: +82 2 2614 0157
Fax: +82 2 2614 0284
E-Mail: cservice@HellermannTyton.co.kr
www.HellermannTyton.co.kr

HellermannTyton - Philippines
Tel: +63 2 752 6551
Fax: +63 2 752 6553
E-Mail: cservice@HellermannTyton.com.ph
www.HellermannTyton.com.ph

HellermannTyton - Singapore
Tel: +65 6 852 8585
Fax: +65 6 756 6798
E-Mail: cservice@HellermannTyton.sg
www.HellermannTyton.com.sg

HellermannTyton - Thailand
Tel: +66 2 237 6702
Fax: +66 2 266 8664
E-Mail: cservice@HellermannTyton.com.th
www.HellermannTyton.com.sg

Africa

HellermannTyton - South Africa
Tel: +27 11 879 6680
Fax: +27 11 879 6601
E-Mail: sales.jhb@Hellermann.co.za
www.HellermannTyton.co.za

HellermannTyton

HellermannTyton Data Ltd

Cornwell Business Park
Salthouse Road, Brackmills
Northampton. NN4 7EX
Tel: +44 (0) 1604 707420
Fax: +44 (0) 1604 705454
Web: www.htdata.co.uk
E-Mail: sales@htdata.co.uk