HellermannTyton

Cable Seals

Cable Seals

Introduction

Cablelok 100% Mechanical Seal

Fiber engineers and network owners insist on 100 percent mechanically sealed closures. Traditional heat shrink methods can be time consuming, and the access required is not conducive for high port densities, particularly in today's Broadband Transport and FTTx environment. There are also serious health and safety concerns relating to gas bottle storage/ transportation and confined space use.

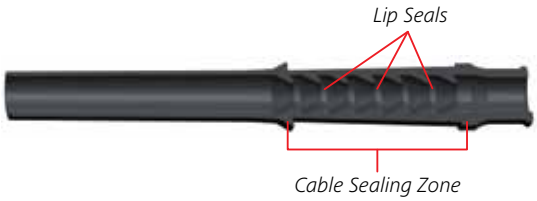
HellermannTyton's patented Cablelok mechanical seal enables fast, safe cable installation, providing a repeatable and consistent seal between the cable and the closure port with excellent non-leak performance. Installation times are typically reduced by up to 90 percent.

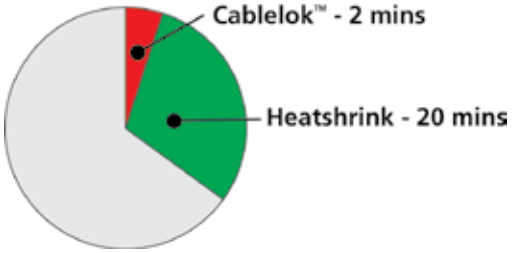
How does Cablelok work?

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

Features and Benefits

- Rapid installation requiring no specialized tools saves time and money.
- Highly repeatable – the quality of the seal is not dependent on the skill of the engineer.
- Tested beyond a 20-foot water head (58.8kPa), exhibiting excellent sealing properties.
- Options to support flat drop cable designs.





Selecting the Correct Cablelok

Each port size on HellermannTyton closures has a unique identifier and a dedicated series of Cableloks (i.e., R, B, S, T, LM or L). Every Cablelok within a series is designed to accommodate a specific range of cable diameters. Achieving the required seal performance is simple:

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 in the table.

Round Ports – R Port

Min. Cable Diameter mm	Max. Cable Diameter mm	Port Count	PART NO.	Pkg. Qty.
1.7	2.0	1	**CL-R10-01**	1
			CL-R10-10	10
		2	**CL-R10D-01**	1
			CL-R10D-10	10
3.0	3.8	1	**CL-R20-01**	1
			CL-R20-10	10
3.8	4.8	2	**CL-R30D-01**	1
			CL-R30D-10	10
	5.2	1	**CL-R40-01****	1
			CL-R40-10**	10
5.2	8.0		**CL-R50-01**	1
			CL-R50-10	10
6.0	8.5		**CL-R70-01**	1
			CL-R70-10	10
8.0	9.5		**CL-R80-10**	
			CL-R80-01	1

**R40 Cablelok supports both round and flat drop cable designs.

B Port

Min. Cable Diameter mm	Max. Cable Diameter mm	Port Count	PART NO.	Pkg. Qty.
4.8	9.0	1	**CL-B10-01**	1
			CL-B10-10	10
8.0	14.0		**CL-B20-01**	1
			CL-B20-10	10
13.0	16.5		**CL-B30-01**	1
			CL-B30-10	10

S Port

Min. Cable Diameter mm	Max. Cable Diameter mm	Port Count	PART NO.	Pkg. Qty.
5.0	8.5	1	**CL-S10-01**	1
			CL-S10-10	10
6.8	7.2	5	**CL-S15M5-01**	1
			CL-S15M5-10	10
8.0	12.0	1	**CL-S20-01**	1
			CL-S20-10	10
10.0	11.5	2	**CL-S30D-01**	1
			CL-S30D-10	10
12.0	16.0	1	**CL-S40-01**	1
			CL-S40-10	10
16.0	20.0		**CL-S50-10**	
			CL-S50-01	1

T Port

Min. Cable Diameter mm	Max. Cable Diameter mm	Port Count	PART NO.	Pkg. Qty.
15.5	22.0	1	**CL-T10-01**	1
			CL-T10-10	10
20.0	23.5		**CL-T20-01**	1
			CL-T20-10	10
23.5	25.5		**CL-T30-01**	1
			CL-T30-10	10
24.5	29.0		**CL-T40-01**	1
			CL-T40-10	10

Oval Ports – L Port

Min. Cable Diameter mm	Max. Cable Diameter mm	Port Count	PART NO.	Pkg. Qty.
5.5	9.5	2	**CL-L10C-01**	1
			CL-L10C-10	10
9.0	12.5		**CL-L20C-01**	1
			CL-L20C-10	10
12.0	15.0		**CL-L30C-01**	1
			CL-L30C-10	10
15.0	18.5		**CL-L40C-01**	1
			CL-L40C-10	10
18.3	20.0		**CL-L50C-01**	1
			CL-L50C-10	10

LM Port

Min. Cable Diameter mm	Max. Cable Diameter mm	Port Count	PART NO.	Pkg. Qty.
4.0	6.5	2	**CL-LM10C-01**	1
			CL-LM10C-10	10
6.0	9.5		**CL-LM20C-01**	1
			CL-LM20C-10	10
9.0	12.5		**CL-LM30C-01**	1
			CL-LM30C-10	10
12.5	15.0		**CL-LM40C-01**	1
			CL-LM40C-10	10

Port Closure Plugs – For R, B, S, T, L and LM Ports

Variant	PART NO.	Pkg. Qty.
Round - R	**CL-R99-01**	1
	CL-R99-10	10
Round - B	**CL-B99-01**	1
	CL-B99-10	10
Round - S	**CL-S99-01**	1
	CL-S99-10	10
Round - T	**CL-T99-01**	1
	CL-T99-10	10
Oval - L	**CL-L99C-01**	1
	CL-L99C-10	10
Oval - LM	**CL-LM99C-01**	1
	CL-LM99C-10	10