

# 00556170 & 00559470 SPIRAL TRAILER CONNECTORS

ABS Coils • 24V/12V • HYTREL® and Polyurethane • ISO 7638-1 and ISO 7638-2



## Specifications Overview

<b>Voltage:</b>	24V/12V
<b>Standards:</b>	ISO 7638-1 ISO 7638-2 ISO 4141

## Web Resources

Download technical resources at:  
[littelfuse.com/spiraltrailerconnectors](http://littelfuse.com/spiraltrailerconnectors)

## Description

24V or 12V electrical coils with ABS are used to connect trucks tractors and a semitrailers in the commercial vehicles sector, conforming to ISO 7638-1 and ISO 7638-2. They are authorized for electrical connections on vehicles transporting hazardous goods, based on the technical specifications given by ADR/GGVS norms.

The cables are conform to ISO 4141, and with external sheath made of HYTREL® (TEEE) or POLYURETHANE(TPU).

The coils of HYTREL® (TEEE) are available in two versions, with 80mm (large version) and 40mm (medium version) turn diameter.

The coils of POLYURETHANE (TPU) are available only with 30 mm turn diameter (small version).

## Features and Benefits

- Standards: Conforms to ISO 7638-1 and ISO 4141 recommendations and standards.
- External sheath of HYTREL® (TEEE) has high resistance against mechanical abrasion and chemical agents and is mostly used by OE manufacturer.
- Polyurethane version has 3,5 m and 4,5 maximum extensible length.
- External Polyurethane sheat provides high flexibility together with good mechanical charateristics even at very low temperature.
- All coils are available with a bending protection grommet.

## Ordering Information

PART NUMBER	CABLE MATERIAL	CABLE Ø	TURN Ø	CABLE CORES	MAX. LENGTH	ISO
00556170	HYTREL®	13,5 mm	80 mm	2x4+3x1,5 mm <sup>2</sup>	3,5 m	7638-1 24V
00556070	HYTREL®	13,5 mm	80 mm	2x4+3x1,5 mm <sup>2</sup>	4,5 m	7638-1 24V
00555900	HYTREL®	13,5 mm	80 mm	2x6+3x1,5 mm <sup>2</sup>	3,5 m	without plugs
00555800	HYTREL®	13,5 mm	80 mm	2x6+3x1,5 mm <sup>2</sup>	4,5 m	without plugs
00559470	HYTREL®	12 mm	40 mm	2x4+3x1,5 mm <sup>2</sup>	4 m	7638-1 24V
00556770	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm <sup>2</sup>	3,5 m	7638-1 24V
00556670	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm <sup>2</sup>	4,5 m	7638-1 24V
00556900	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm <sup>2</sup>	3,5 m	7638-2 12V
00556800	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm <sup>2</sup>	4,5 m	7638-2 12V
00556500	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm <sup>2</sup>	3,5 m	without plugs
00556400	Polyurethane	13,5 mm	30 mm	2x4+3x1,5 mm <sup>2</sup>	4,5 m	without plugs