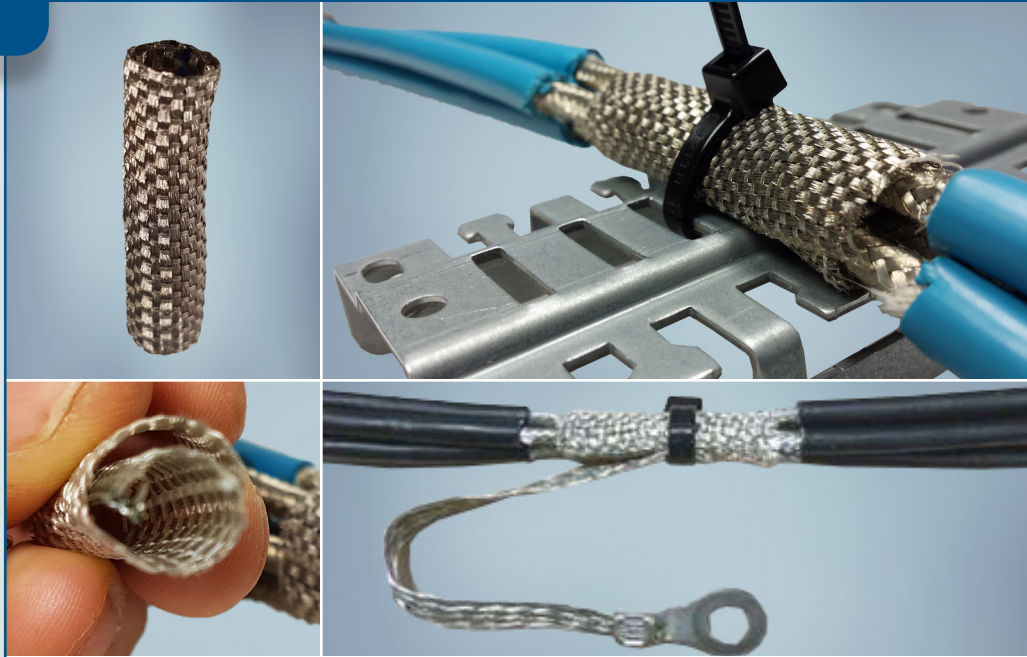


## Product Highlights

- Operating temperature  
-40°C to +125°C  
(-40°F to +257°F)
- Fast positioning over  
grounding area
- No end fray
- Accommodates various  
diameters in round or oval  
position
- Tracer indicating maximum  
operating diameter
- Ensures high level of  
conductivity between  
grouped cables without  
applying heat
- UL94V0 raw materials
- Cu/Sn wires (EN13602)
- Zero halogen
- EN45545-2



**C-Ground™ SW 125** is a wrap-around grounding solution allowing high conductivity between shielded wires. C-Ground™ SW 125 is manufactured from UL 94 V0 rated PPS monofilaments and tin plated copper wires according to EN13602.

The self-wrapping feature of C-Ground™ SW 125 allows for quick and easy installation and removal of the product for assembly and maintenance.

Delivered in cut pieces of 35 mm ready for installation, the design offers innovative solutions to group shielded wires in round or oval configuration and allows to set a fast link through a bonding lead to a nearby ground point.

The stable construction guarantees high level of conductivity regardless of the diameter on which it is installed within the recommended application range.

As an additional benefit, C-Ground™ SW 125 enables users to stock a limited range of sizes to cover a wide range of shielded wire diameters.

The ease of installation offered by self-wrappable design saves labor and provides cost-effective, long-term efficient grounding making the C-Ground SW 125 an ideal solution to connect cables shield to the ground.



C-Ground 125 also available in a flat configuration called **C-Ground™ Flat 125**. This configuration allows to ground any size of bundle by cutting the necessary length and wrapping around the bundle with one and a half turn.



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – C-Ground™ 125

Property	Test Method	Result
<b>PHYSICAL</b>		
Operating Temperature Range		-40°C to +125°C (-40°F to +257°F)
Fire / Smoke / Toxicity	UL 94 DIN 5510 §2 & 54837 EN 45545-2 ASTM E 662 – ASTM E 162 SMP 800-C – BSS 7239	Raw material classified V0 S4, SR2, ST2 R22 HL3 R23 HL3 Pass Pass
<b>CHEMICAL</b>		
Fluid resistance - Hydraulic fluids: NATO.0.156	EN 6059-303 Immersion for 24hrs at +70°C D47 1924	No visible degradation after being exposed
Salt spray resistance	EN2591-307- 96 hours	Pass

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Product Specifications

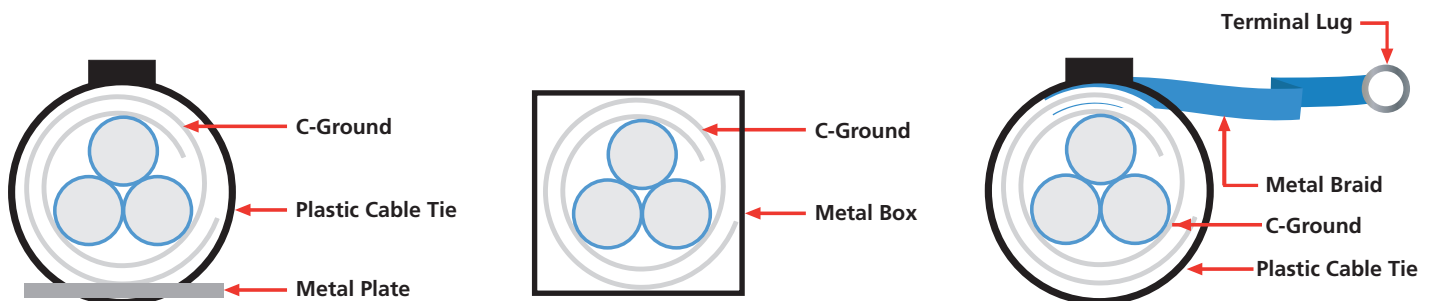
Commercial Part Number	Nominal Size* (mm)	Recommended Application Range mm (in)		Cross Section (mm <sup>2</sup> )	Maximum Mass g/m	Number of Pieces Per Carton	Number of Pieces Per Kit	Number of Kits Per Carton
		Min Ø	Max Ø					
C-Ground SW 125 8-8/-	8	5 (3/16")	8 (5/16")	3.5	1.4	600	20	30
C-Ground SW 125 13-8/-	13	8 (5/16")	13 (1/2")	8.9	1.9	450	15	30
C-Ground SW 125 19-8/-	19	13 (1/2")	19 (3/4")	10.6	2.3	300	10	30
C-Ground SW 125 25-8/-	25	19 (3/4")	25 (1")	11.9	2.8	150	5	30
C-Ground SW 125 32-8/-	32	25 (1")	32 (1-1/4")	8.9	3.7	150	5	30
C-Ground SW 125 38-8/-	38	32 (1-1/4")	38 (1-1/2")	10.6	4.2	150	5	30
C-Ground SW 125 45-8/-	45	38 (1-1/2")	45 (1-3/4")	11.9	4.9	150	5	30

\*Nominal size is determined by wrapping the product around a mandrel of a given size to obtain 90 degrees of overlap (average value).

Commercial Part Number	Nominal Size (mm)	Cross Section (mm <sup>2</sup> )	Maximum Mass g/m	Number of Meters Per Spool
C-Ground™ Flat 125 50-8	50	3.5	1.4	150

## Commercial Part Number

Example	Product Name	Size	Color	Quantity
	C-Ground SW 125	13	8 (gray)	500 (pcs)



C-Ground can be wrapped with more than 90% overlap to ensure proper connection with flat grounding devices and compensate for the stripped wire isolation thickness.

United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600

EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560

Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565

[www.systemsprotection.com](http://www.systemsprotection.com)



For informational purposes only. SP makes no warranties as to the accuracy or completeness of the information provided herein and disclaims any liability in connection with its use. SP's only obligations are those provided in its terms and conditions of sale for this product, and SP will not be liable for any damages, whether direct or indirect, arising out of the use or misuse of this product. Users should undertake their own evaluations to determine the suitability of the product for specific applications. ©2024 Systems Protection - A Tenneco Company, manufacturer of Bentley-Harris protection products.

CGRND125-EMEA(EN-A4)C