

Grip-Tite® Strain Relief Connectors

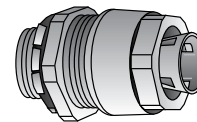
NEC/CEC:
Listed for Ordinary Locations

Applications

- To secure and seal cords or cables entering enclosures or raceways.

Features

- Grip-tite style - 2-piece internal design features a nylon gripper for exceptional pullout protection and a neoprene grommet for a moisture-proof seal (up to 1" dia. cord range).
- Dual-grommet style - for over 1" dia. cord range. Removable insert allows for wider range of cable diameters within single fitting.
- Simple installation, cord can be installed without disassembly of the fitting.
- Liquidtight/Oiltight/Raintight.
- UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).
- Suitable for NEMA 4 enclosures and other wet locations
- Male tapered thread NPT.
- Slim diameter profile allows close spacing between connectors.
- Furnished complete with sealing ring and locknut.
- Colored gripper allows for easy identification.



Straight
Type SR-50-250

Standard Materials

- Malleable iron body and gland nut, nylon gripper, neoprene grommet, PVC or Buna-N Sealing ring, steel locknut

Standard Finishes

- Body, gland nut and locknut — zinc plated

Options

- Mechanical Galvanized. Contact your local representative.

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E

Dimensions in Millimeters (Inches)					Dimensions in Millimeters (Inches)			Catalog Number
Hub Size (Inches)	Cord Range		Style	Color	Throat I.D.	Body Length	Max. Dia.	
1/2	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-50-250
1/2	6.35 (0.25)	9.65 (0.38)		White	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-50-375
1/2	9.65 (0.38)	12.70 (0.50)		Blue	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-50-500
1/2	12.70 (0.50)	16.00 (0.63)		Brown	15.49 (0.61) ①	31.75 (1.25)	35.05 (1.38)	SR-50-625 ①
3/4	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-75-250
3/4	6.35 (0.25)	9.65 (0.38)		White	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-75-375
3/4	9.65 (0.38)	12.70 (0.50)		Blue	13.46 (0.53)	31.75 (1.25)	35.05 (1.38)	SR-75-500
3/4	12.70 (0.50)	16.00 (0.63)		Brown	19.05 (0.75)	31.75 (1.25)	35.05 (1.38)	SR-75-625
3/4	16.00 (0.63)	19.05 (0.75)		Yellow	19.81 (0.78)	31.75 (1.25)	38.10 (1.50)	SR-75-750
3/4	19.05 (0.75)	22.35 (0.88)		Purple	20.57 (0.81) ①	31.75 (1.25)	44.45 (1.75)	SR-75-875 ①
1	16.00 (0.63)	19.05 (0.75)	Grip-Tite	Yellow	19.81 (0.78)	31.75 (1.25)	44.45 (1.75)	SR-100-750
1	19.05 (0.75)	22.35 (0.88)		Purple	24.38 (0.96)	31.75 (1.25)	44.45 (1.75)	SR-100-875
1	22.35 (0.88)	25.40 (1.00)		Grey	26.67 (1.05)	31.75 (1.25)	41.40 (1.63)	SR-100-1000
1-1/4	22.35 (0.88)	25.40 (1.00)		Grey	30.48 (1.20)	35.05 (1.38)	54.10 (2.13)	SR-125-1000
1	25.40 (1.00)	28.70 (1.13)	Single Grommet		26.67 (1.05) ①	35.05 (1.38)	38.10 (1.50)	SR-100-1125 ①
1-1/4	25.40 (1.00)	35.05 (1.38)			34.29 (1.35) ①	41.40 (1.63)	63.50 (2.50)	SR-125-1375 ①
1-1/2	25.40 (1.00)	35.05 (1.38)			35.05 (1.38)	41.40 (1.63)	63.50 (2.50)	SR-150-1375
1-1/2	35.05 (1.38)	44.45 (1.75)			38.86 (1.53) ①	41.40 (1.63)	76.20 (3.00)	SR-150-1750 ①
2	35.05 (1.38)	44.45 (1.75)	Dual Grommet		40.39 (1.59)	54.10 (2.13)	76.20 (3.00)	SR-200-1750
2-1/2	41.40 (1.63)	50.80 (2.00)			63.50 (2.50)	63.50 (2.50)	101.60 (4.00)	SR-250-2000
2-1/2	47.75 (1.88)	57.15 (2.25)			63.50 (2.50)	63.50 (2.50)	101.60 (4.00)	SR-250-2250
3	47.75 (1.88)	57.15 (2.25)			63.50 (2.50)	63.50 (2.50)	114.30 (4.50)	SR-300-2250
3	54.10 (2.13)	63.50 (2.50)			63.50 (2.50)	63.50 (2.50)	114.30 (4.50)	SR-300-2500

① Remove enough jacket to get conductors through throat I.D.

Grip-Tite® Strain Relief Connectors

NEC/CEC:
Listed for Ordinary Locations

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- To secure and seal cords or cables entering enclosures or raceways.

Features

- Grip-tite style - 2-piece internal design features a nylon gripper for exceptional pullout protection and a neoprene grommet for a moisture-proof seal (up to 1" dia. cord range).
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- Colored gripper allows for easy identification.

Standard Materials

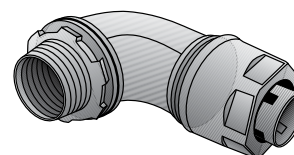
- Malleable iron body and gland nut, nylon gripper, neoprene grommet, PVC or Buna-N Sealing ring, steel locknut

Standard Finishes

- Body, gland nut and locknut — zinc plated

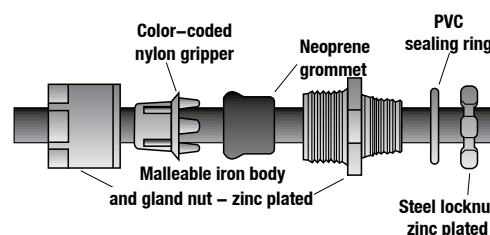
Options

- Mechanical Galvanized. Contact your local representative.



90°
Type SR-950-250

Illustrated Dimensions



Strain Relief Installation

NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: W-F-406E

Dimensions in Millimeters (Inches)					Dimensions in Millimeters (Inches)				Catalog Number
Hub Size (Inches)	Cord Range		Style	Color	Throat I.D.	Body Length	Max. Dia.	Turning Radius	
	Min.	Max.							
1/2	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	SR-950-250
1/2	6.35 (0.25)	9.65 (0.38)		White	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	SR-950-375
1/2	9.65 (0.38)	12.70 (0.50)		Blue	14.99 (0.59)	35.05 (1.38)	28.70 (1.13)	47.75 (1.88)	SR-950-500
1/2	12.70 (0.50)	16.00 (0.63)		Brown	14.99 (0.59) ①	35.05 (1.38)	28.70 (1.13)	41.40 (1.63)	SR-950-625 ①
3/4	4.06 (0.16)	6.35 (0.25)	Grip-Tite	Red	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	41.40 (1.63)	SR-975-250
3/4	6.35 (0.25)	9.65 (0.38)		White	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	47.75 (1.88)	SR-975-375
3/4	9.65 (0.38)	12.70 (0.50)		Blue	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	47.75 (1.88)	SR-975-500
3/4	12.70 (0.5)	16.00 (0.63)		Brown	20.57 (0.81)	35.05 (1.38)	35.05 (1.38)	41.40 (1.63)	SR-975-625
3/4	16.00 (0.63)	19.05 (0.75)		Yellow	20.57 (0.81)	41.40 (1.63)	38.10 (1.50)	50.80 (2.00)	SR-975-750
3/4	19.05 (0.75)	22.35 (0.88)		Purple	20.83 (0.82) ①	47.75 (1.88)	41.40 (1.63)	47.75 (1.88)	SR-975-875 ①
1	19.05 (0.75)	22.35 (0.88)	Grip-Tite	Purple	25.91 (1.02)	47.75 (1.88)	41.40 (1.63)	50.80 (2.00)	SR-9100-875
1	22.35 (0.88)	25.40 (1.00)		Grey	26.42 (1.04)	63.50 (2.50)	47.75 (1.88)	50.80 (2.00)	SR-9100-1000
1-1/4	22.35 (0.88)	25.40 (1.00)	Grip-Tite	Grey	34.04 (1.34)	73.15 (2.88)	47.75 (1.88)	66.8 (2.63)	SR-9125-1000
1-1/4	25.40 (1.00)	35.05 (1.38)	Dual Grommet		34.04 (1.34) ①	73.15 (2.88)	47.75 (1.88)	66.8 (2.63)	SR-9125-1375 ①

① Remove enough jacket to get conductors through Throat I.D.

Grip-Tite® Strain Relief Connectors

GRIP-TITE STRAIN RELIEF CONNECTOR SELECTION CHART

NEC/CEC:
Listed for Ordinary Locations

Selection Chart ①

TYPE OF CORD	SV SVO SVT		SJT				SJ, SJTO, SJO								STO						S, SO																						
	WIRE SIZE		18	18	16	18	16	14	12	10	18	16	14	12	10	18	16	14	12	10	8	6	4																				
NO. OF COND	2	3	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3	4	2	3
-250 (RED)																																											
-375 (WHITE)																																											
-500 (BLUE)																																											
-625 (BROWN)																																											
-750 (YELLOW)																																											
-875 (PURPLE)																																											
-1000 (GREY)																																											

① This chart is intended for use as a guide only. Whenever possible, exact cord dimensions should be used. O-Z/Gedney Company assumes no liability for errors, omissions or dimensional changes which may result from changes in design, material or the manufacturing process and which may affect cord and fitting compatibility.