

SPECIFICATION DATA SHEET

Easy-Splice™ WAGS Series Wrap-Around Gel Splice Kits



NSi's WAGS Series closure sleeves quickly and conveniently insulate and seal buried electrical connections rated up to 1000 volts. The robust, yet compact, design is engineered to handle the harsh environments of direct burial and manhole applications. WAGS closure sleeves are equally well suited for insulation and jacket repair.

Fast and easy installation

Installers will appreciate the simple wraparound design and dependable gel sealing performance. Simply wrap and snap the sleeve on any cable in the use range. The gel in the sleeve seals on contact. Installation is literally a snap.

The WAGS closure sleeve can be applied on all common compression connectors and low voltage cables. Many in-line mechanical connectors can be covered as well.

Dependable performance

The factory cured silicone sealing gel in the WAGS closure sleeve completely encapsulates the connection. Since the gel is easily stretched and very sticky, it basically forms around the cable and connector sticking to everything including itself. Moisture can not enter the splice.

Selection information (dimensions in inches/millimeters)

Kit Description	Sleeve Length	Conductor Size	Max. Connector Opening	General Use Diameter Range
WAGS-4/0-4	4.0 (100)	#14 - 4/0 (2 - 95)	1.0 (25)	0.15 - 0.70 (4- 8)
WAGS-4/0-6	6.0 (150)	#14 - 4/0 (2 - 95)	3.0 (75)	0.15 - 0.70 (4-18)
WAGS-4/0-8	8.0 (200)	#14 - 4/0 (2 - 95)	5.0 (125)	0.15 - 0.70 (4-18)
WAGS-4/0-10	10.0 (250)	#14 - 4/0 (2 - 95)	7.0 (175)	0.15 - 0.70 (4-18)
WAGS-500-6	6.0 (150)	#6 - 500 (16-240)	2.0 (50)	0.40 - 1.30 (10-33)
WAGS-500-8	8.0 (200)	#6 - 500 (16-240)	4.0 (100)	0.40 - 1.30 (10-33)
WAGS-500-10	10.0 (250)	#6 - 500 (16-240)	6.0 (150)	0.40 - 1.30 (10-33)
WAGS-500-12	12.0 (300)	#6 - 500 (16-240)	8.0 (200)	0.40 - 1.30 (10-33)
WAGS-750-8	8.0 (200)	250 - 750 (120-350)	2.0 (50)	0.80 - 1.50 (20-38)
WAGS-750-10	10.0 (250)	250 - 750 (120-350)	4.0 (100)	0.80 - 1.50 (20-38)
WAGS-750-12	12.0 (300)	250 - 750 (120-350)	6.0 (150)	0.80 - 1.50 (20-38)
WAGS-750-14	14.0 (350)	250 - 750 (120-350)	8.0 (200)	0.80 - 1.50 (20-38)
WAGS-750-16	16.0 (400)	250 - 750 (120-350)	10.0 (250)	0.80 - 1.50 (20-38)

Product Performance

Testing

ANSI C119.1 - 1986

Chemical Resistance

Test Conditions

600 V insulated underground

Fluid immersion, 168 hours @ 23 °C, 75% elongation retention minimum

- 10W-40 motor oil
- 10% hydrochloric acid
- 15% sodium chloride
- 20% sodium hydroxide
- ETX 60280 antifreeze (1000 hours)

Accelerated Aging

1000 hours @ 135 °C

- 93% retention tensile strength
- 82% retention elongation at break