

Electric Submersible Pump Electrical Connection Products



Deep sea oil exploration and production presents some of the most difficult environmental conditions on the planet. Electric submersible pumps require a reliable and uninterrupted power supply 24/7, 365 days a year. Nicopress® compression connectors and swaging tools have provided the industry leading electrical connection system to this field for more than 50 years.

Hand Tools

Nicopress® Model 51 and 53 Series hand tools are the highest quality available. They are U.S. made and specifically designed and engineered to swage Nicopress® compression connectors to provide the most reliable connection on the market. Non-conductive fiberglass handles are available.



Copper & Copper Alloy Splicing & Reducing Sleeves

Electrical Cable Splicing Sleeves are designed to splice copper conductors. Reducing Sleeves are designed for joining two different diameter cables together. Nicopress® sleeves are manufactured of high-conductivity copper tubing with a specially-engineered inner bore coating to ensure maximum holding power and conductivity. Each sleeve is marked with a stock number, conductor size, and installation tool groove to ensure proper application.



NICOPRESS 2-inch Sleeve Data

Wire Size (AWG) FROM	TO	Nicopress® Part No.	Tool Groove
12 SOL	12 SOL	1-080-J 2"	J
10 SOL	10 SOL	1-102-J 1-3/4"	J
8 SOL	12 SOL	1-128 X 080-J 2"	J
8 SOL	8 SOL	1-128-J	J
10mm2 SOL	10mm2 SOL	1-128/7-J	J
6 SOL	12 SOL	1-162 X 080-J 2"	J
6 SOL	10 SOL	1-162 X 102-J 2"	J
6 SOL	8 SOL	1-162 X 128-J	J
6 SOL	10mm2 SOL	1-162 X 128/7-J	J
6 SOL	7 SOL	1-162 X 144-P	P
6 SOL	7 SOL	1-162 X 128/7-J	J
6 SOL	8-7STR	1-162 X 128/7-J	J
6 SOL	6 SOL	1-162-J 2"	J
16mm2 SOL	6 SOL	1-162/7 X 162-J 2"	J
16mm2 SOL	16mm2 SOL	1-162/7-J 2"	J
5 SOL	8 SOL	1-162/7 X 128-J	J
5 SOL	10mm2 SOL	1-162/7 X 128/7-J	J
5 SOL	7 SOL	1-182 X 144-P 2"	P
5 SOL	6 SOL	1-182 X 162-P 2"	P
5 SOL	6 SOL	1-162/7 X 162-J 2"	J
5 SOL	16mm2 SOL	1-162/7-J 2"	J
5 SOL	5 SOL	1-162/7-J 2"	J
6-7STR	6 SOL	1-162/7 X 162-J 2"	J
6-7STR	6-7STR	1-162/7-J 2"	J
4 SOL	10 SOL	1-204 X 116-M 2"	M
4 SOL	8 SOL	1-204 X 128-P 2"	P
4 SOL	7 SOL	1-204 X 144-P 2"	P
4 SOL	6 SOL	1-204 X 162-P 2"	P
4 SOL	5 SOL	1-204 X 162/7-P 2"	P
4 SOL	5 SOL	1-204 X 182-X 2"	X
4 SOL	6-7STR	1-204 X 162/7-P 2"	P
4 SOL	4 SOL	1-204-P 2"	P
3 SOL	5 SOL	1-229 X 182-P 2"	P
3 SOL	3 SOL	1-229-P 2"	P
4-7STR	8 SOL	1-204/7 X 128-P 2"	P
4-7STR	7 SOL	1-204/7 X 144-P 2"	P
4-7STR	6 SOL	1-204/7 X 162-P 2"	P
4-7STR	5 SOL	1-204/7 X 182-P 2"	P
4-7STR	4 SOL	1-204/7 X 204-P 2"	P
4-7STR	4-7STR	1-204/7-P 2"	P
2 SOL	10 SOL	1-258 X 116-X 2"	X
2 SOL	8 SOL	1-258 X 128-P 2"	P
2 SOL	7 SOL	1-258 X 144-P 2"	P
2 SOL	6 SOL	1-258 X 162-X 2"	X
2 SOL	5 SOL	1-258 X 162/7-X 2"	X
2 SOL	6-7STR	1-258 X 162/7-X 2"	X
2 SOL	4 SOL	1-258 X 204-X 2"	X
2 SOL	4-7STR	1-258 X 204/7-X 2"	X
2 SOL	2 SOL	1-258-X 2"	X
3-7STR	3-7STR	1-3/128-X 2"	X
2-7CPT	6 SOL	3554-X 2"	X



Continued next page.

NICOPRESS 2-inch Sleeve Data

Wire Size (AWG) FROM	TO	Nicopress® Part No.	Tool Groove
2-7CPT	4 SOL	1-258 X 204-X 2"	X
2-7CPT	2 SOL	1-258-X 2"	X
2-7CPT	2-7CPT	1-258-X 2"	X
1 SOL	8 SOL	1-289 X 162-X 2"	X
1 SOL	6 SOL	1-289 X 162-X 2"	X
1 SOL	5 SOL	1-258/7 X 182-X 2"	X
1 SOL	4 SOL	1-289 X 204-X 2"	X
1 SOL	4-7STR	1-258/7 X 204/7-X 2"	X
1 SOL	2 SOL	1-289 X 258-X 2"	X
1 SOL	2-7CPT	1-289 X 258/7-X 2"	X
1 SOL	1 SOL	1-289-X 2"	X
1 SOL	1 SOL	1-258/7-X 2"	X
2-7STR	7 SOL	1-258/7 X 144-X 2"	X
2-7STR	6 SOL	1-258/7 X 162-X 2"	X
2-7STR	5 SOL	1-258/7 X 182-X 2"	X
2-7STR	6-7STR	1-258/7 X 162/7-X 2"	X
2-7STR	4 SOL	1-258/7 X 204-X 2"	X
2-7STR	4-7STR	1-258/7 X 204/7-X 2"	X
2-7STR	2 SOL	1-258/7 X 258-X 2"	X
2-7STR	2-7CPT	1-258/7 X 258-X 2"	X
2-7STR	2-7STR	1-258/7-X 2"	X
1-7CPT	4 SOL	1-258/7 X 204-X 2"	X
1-7CPT	2 SOL	1-258/3 X 258-X 2"	X
1-7CPT	2 SOL	1-258/7 X 258-X 2"	X
1-7CPT	1-7CPT	1-258/7-X 2"	X
1-7CPT	1-7CPT	1-258/3-X 2"	X
2-3STR	4-7STR	1-258/3 X 204/7-X 2"	X
2-3STR	2-3STR	1-258/3-X 2"	X
1/0 SOL	2 SOL	1-258/3 X 258-X 2"	X
1/0 SOL	1 SOL	1-258/3 X 258/7-X 2"	X
1/0 SOL	1/0 SOL	1-258/3-X 2"	X
1-7STR	7 SOL	1-258/3 X 144-X 2"	X
1-7STR	6 SOL	1-258/3 X 162-X 2"	X
1-7STR	5 SOL	1-258/3 X 162/7-X 2"	X
1-7STR	4 SOL	1-258/3 X 204-X 2"	X
1-7STR	4-7STR	1-258/3 X 204/7-X 2"	X
1-7STR	4-7STR	1-289/7 X 204/7-X 2"	X
1-7STR	2 SOL	1-258/3 X 258-X 2"	X
1-7STR	2 SOL	1-289/7 X 258-X 2"	X
1-7STR	1 SOL	1-289/7 X 289-X 2"	X
1-7STR	1 SOL	1-258/3 X 289-X 2"	X
1-7STR	2-7STR	1-258/3 X 258/7-X 2"	X
1-7STR	1-7STR	1-258/3-X 2"	X
1-7STR	1-7STR	1-289/7-X 2"	X
1/0-7CPT	1/0-7CPT	1-289/7-X 2"	X
2/0 SOL	1 SOL	1-325/7 X 258/7-X 2"	X
1/0-7STR	4 SOL	1-325/7 X 204-X 2"	X
1/0-7STR	2 SOL	1-325/7 X 258-X 2"	X
1/0-7STR	1-7STR	1-325/7 X 258-X 2"	X
1/0-7STR	1/0-7STR	1-325/7-X 2"	X
2/0-7STR	1-7STR	1-365/7 X 289/7-F6 2"	F6

Contact us for information about other custom and in-stock sleeves.

Battery Tools

Nicopress® battery powered compression tools provide operator convenience with a controlled crimping cycle of less than six seconds. Their compact size permits use in confined areas where traditional compression tools cannot be used. Lithium-ion battery packs (2 included) charge in less than one hour and provide superior runtime and long life.



Since 1901, Nicopress® has designed and manufactured a range of tools and connections for applications in the oil well industry. A perfectly integrated system, Nicopress® tools and sleeves have been specifically engineered, laboratory- and field-tested for dependability and longevity. For more than 118 years, the Nicopress® system has been used for aerospace, military and defense, utilities, OEM/industrial, rail signal and catenary, and specialty solutions including construction, erosion control, fall protection material handling, marine and others.

Nicopress® is dedicated to quality and continuous improvement. Our design, engineering and development team supports a wide range of products with extensive technical knowledge. Resources are available to download or request online at www.nicopress.com. Or, ask your distributor. Resources include catalogs, brochures, data sheets, instruction sheets, technical and customer drawings.

CATALOGS



Electric Submersible Pump Electrical Connection Products



Cable Rings & Saddles



Rail Signal & Electrical Products



Electrical Power & Signal (Catalog No. 40)

BROCHURES

Agriculture

- Agricultural Connectors Tools

Entertainment

- Efficiency of Wire Rope Connections
- Theatrical Rigging Connectors & Tools

OEM—Wire Rope

- Crimp Tools for Automating Manufacture of Cable Wire Rope Assemblies

Specialty Solutions

- Erosion Control Connection System Products

Utility – Gas

- Buried Tracer Wire Connection System

Wire Rope

- Battery Powered Compression & Cutting Tools
- Rigging Connectors & Tools

DATA SHEETS

- Instruction 4: For Using No.17-BA Nicopress® Tool
- Instruction 37: 51 Tools for ACSR
- Instruction 50: 635 35-ton Hydraulic Tool
- Instruction 69: For Using No. 51 & No. 53 Types of Nicopress® Tools
- Instruction 70: For Using No. 31 Type Nicopress® Tools
- Instruction 2967: Catenary Splices & Dead-Ends
- Instruction 3512: 3512 12-ton Hydraulic Tool
- Instruction 5512: 12-ton Battery Hydraulic Tool
- Instruction 5612: 12-ton Battery Hydraulic Hand Tool