

Wire

An excellent selection of wire products, many choices of gage size, color, and insulating materials.

Wire For Slit-N-Wrap® Wire Wrapping Tools

Tefzel Insulated Silver Plated Wire for use with No. 02 Bit

Part No	A W G	Color	Spool Dia.	Feet per Spool	Spools Per Pkg.
W28-6A	28	green	1"	50	2
W28-6B	28	red	1"	50	2
W28-6D	28	blue	1"	50	2
W28-6E	28	white	1"	50	2
W28-6F	28	yellow	1"	50	2
W28-6H	28	black	1"	50	2
W28-6AU	28	green	1-1/2"	150	1
W28-6BU	28	red	1-1/2"	150	1
W28-6DU	28	blue	1-1/2"	150	1
W28-6EU	28	white	1-1/2"	150	1
W28-6FU	28	yellow	1-1/2"	150	1
W28-6HU	28	black	1-1/2"	150	1

Tefzel Insulated Silver Plated Wire for use with No. 04 Bit

Part No	A W G	Color	Spool Dia.	Feet per Spool	Spools Per Pkg.
W30-6D	30	blue	1-1/2"	200	1
W30-6E	30	white	1-1/2"	200	1
W30-6F	30	yellow	1-1/2"	200	1
W30-6J	30	orange	1-1/2"	200	1

Wire For Conventional Wire Wrapping, Kynar Insulated Wire, Silver Plated, Solid Conductor, Easy Stripping, for use with No. 03 Bit

Part No	A W G	Color	Spool Dia.	Feet per Spool	Spools Per Pkg.
W30-5A	30	green	1"	75	1
W30-5B	30	red	1"	75	1
W30-5E	30	white	1"	75	1
W30-5F	30	yellow	1"	75	1
W30-5AS	30	green	2"	300	1
W30-5BS	30	red	2"	300	1
W30-5ES	30	white	2"	300	1
W30-5FS	30	yellow	2"	300	1

Slit-N-Wrap® Wire-Wrapping Tools

No Stripping / No Pre-cutting / No Pre-measuring

- No Loading
- Daisy Chain Wraps
- Quick Change Bits
- Reliable Wraps meet MIL-STD-1130B, par. 5.6
- US & Foreign Patents
- 4X Faster Than Conventional Wrap
- Replaceable Bits, Set-Screw Mounted, Simplify Maintenance And Insure Reliability, Reduce Costs and Downtime.
- Use Lower Profile Sockets And Pins

P/N 184-6

Uses 200' spool of silver plated Tefzel wire on tension regulator. Supplied with 1 200' spool of Tefzel wire, and accessories.

P/N 184-1

Uses 50' spools of Tefzel 28 ga. wire. Tension regulator spring reduces wire breakage. Supplied with 2 50' spools of Tefzel wire and accessories.

P160-2B

Manual Wrap Tool

This tool makes standard or modified wrap wire joints with #26 thru #30 gage wire. The tool will make wrapped wire connections manually with either left or right hand rotation. Tool will also strap short lengths of bare wire manually. Provides gas tight permanent connections with a long life bit and sleeve.



P180-1

Manual Slit-N-Wrap® tool with #28 ga. Polyurethane wire. Unwraps #26 thru #30 gage wire manually. Outer spring loaded sleeve retains wire after unwrapping and ejects wire. The unwrapping bit is recessed into the sleeve to permit unwrapping beyond the maximum amount of turns needed on .025" square wrap posts. Bit included. Replacement bit, 01/1



P184-1

Manual Slit-N-Wrap® tool with #28 ga. Tefzel wire

Provides two 50' spools of #28 gage Tefzel, silver plated wire (.023" D. total) on small bracket. Wrap bit No. 02 is installed

Replacement bit 02/1

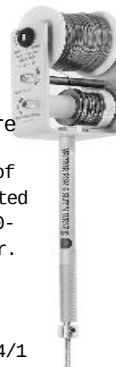


P184-6

Manual Slit-N-Wrap® tool with #30 ga. Tefzel wire

Mounts 200' spool of #30 gage silver plated Tefzel wire on P160-6A tension regulator. Wrap bit No. 04 is installed.

Replacement bit, 04/1



P160-1B

Unwraps #26 thru #30 gage wire manually. Outer spring loaded sleeve retains wire after unwrapping and ejects wire. The unwrapping bit is recessed far enough into the sleeve to permit unwrapping more than the maximum amount of turns needed on .025" square wrap posts. Bit included.



P184-1
P184-6

Shows stripping action of Slit-N-Wrap process.



Insulation
Copper

How the Systems Work:

Insulated wire is pulled past a sharp cutter adjacent to the wrap point where a narrow slit is cut in the wire longitudinally. As the wire is pulled along the wrap post, it is caused to twist along the path from the cutter to the post. Further opening the slit and exposing the bared conductor to the post corner, indenting both it and the post to produce gas tight joints at each corner.

Figure above shows wire which has been unwrapped after going through this action. Note the narrow channel where the insulation has been pushed aside to bare the conductor against the post corner and to indent both. No insulation is removed but is spread out to fit in the space between the coils.

Mouser Electronics

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