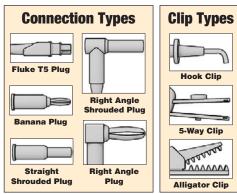
## **TEST INSTRUMENTS Test Leads & Probes**

Scan. Order. Done. Details on page A1.



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## For information about selecting multimeters, see page 513.





Leads, Straight

Shrouded Plug

3EB19

Test Leads w/ Probes, Shrouded Banana Plug 4CB70

FLUKE.

Test Leads w Clips, Right Angle Plug 1TC11



## **BK PRECISION** EXTECH Milwaukee XIII DESORI

## Test Leads and Kits

Coated, insulated, and color-coded wires measure positive (red) and negative (black) electrical currents. One end has a molded-in plug that connects to testing and measuring devices.

Test leads with probes-Needle-type tip locates and makes contact with exact testing points and penetrates insulation that surrounds wires for more accurate readings of electrical signals.

Test leads with clips-Have a clip with spring-loaded jaws that clamp onto testing points to establish an electrical connection. Operators are not required to manually hold clips in place, allowing hands-free operation.

Modular test leads-Extend the middle portion of a test lead, increasing the distance between the operator and the electrical circuit. Help operators connect to test points in hard-to-reach areas. Both ends have shrouded plugs.

Kits-Include an assortment of safety-rated leads, clips, and probes that pair with compatible multimeters and clamp meters. Go to Grainger.com for detailed listing of kit contents.

Note: Test leads must have a category safety rating that matches or exceeds the meter's safety rating.

520	GRAINGER
020	

Maximum Maximu Color Code Probe Type Meter Connection Type Current Wire Insulation Brand Voltage No. Test Leads with Probes CAT II 1000V; CAT III 1000V; CAT IV 600\ Retractable Black, Red 4 5⁄8 f **6YPTO** Silicone 10 A Fluke **Bight Angle** R&k Shrouded Plug 1,000 V 10 A Standard Black, Red 3 ft Silicone 20FP86 Precision CAT II 600V Right Angle Shrouded Plug 600 V 3 A Retractable Black, Red 4 ft Silicone Fluke 1ND97 CAT III 1000V 1,000 V 1,000 V 1,000 V 1,000 V 1,000 V Standard PVC PVC 4WPZ7 Black <u>3 1⁄4 ft</u> 3 1⁄4 ft 10 A Black, Red Retractable 4WPZ4 Right Angle Shrouded Plug Black, Red Black, Red 1/4 ft Standard PVC 3LXV9 Extech 10 A 10 A 4 ft 4 ft Standard ouble Insulation ouble Insulation Black, Rec 4WRC9 Standard Standard Shrouded 1 000 V 10 A 4 ft Fluke 4CB70 Standard Banana Plug CAT III 1000V; CAT IV 600V Black, Red Silicone 4XL4 Standard Fluke 1,000 V 1,000 V 1,000 V 4 ft 5 ft 3 1/4 ft 4 5/8 ft 3 1/4 ft 4 7/8 ft 10 A 10 A Black, Red Black, Red PVC Silicone Fluke 1T341 4XKU5 Standaro Standaro Right Angle Shrouded Plug 4XKW5 3 A Retractable Black, Red Silicone Fluke 10 A 10 A 10 A Milwaukee Extech Fluke ,000 ,000 Standard Standard Black, Red Black, Red PVC PVC 6JHW4 13X094 Shrouded Banana Plug Straight Shrouded Plug CAT IV 1000V Right Angle 1,000 V Standard Black, Red Silicone 13E625 1 000 V 10 A 3 3/8 ft FI IR 307Y79 Standard Black Red Silicone Shrouded Plug Maximum Maximum Color ltem Meter Connection Type Voltage Current Clip Type Code I. Wire Insulation Brand No Test Leads with Clips CAT I 30V Right Angle Plug Right Angle Shrouded Plug CAT II 1000V 10 A 10 A Alligator 5 Way Black, Rec Black, Rec Silicone Silicone Fluke Fluke 1TC11 1TC10 30 30 5 ft 5 ft Right Angle Shrouded Plug CAT II 300V 1,000 V 8 A 5 Way Black, Red 3 ¾ ft Double Insulation 4WPZ9 4WRD2 300 V 300 V 5 A 5 A Hook Hook Black 3 ¾ 3 ¾ PVC **Right Angle Shrouded Plug** Red 4WRD3 CAT III 1000V 1,000 V 10 A Black, Red 3 ¾ ft Silicone FLIR 55KP98 CAT III 1000V; CAT IV 600V 10 A 10 A Alligator Alligator Double Insulation Double Insulation 4WP75 ,000 V ,000 V Black Red 3 ft 3 ft Right Angle Shrouded Plug 4WPZ6 CAT III 600V 600 V Black, Red Double Insulation Extech 60PT90 Banana Plug 15 A Alligator 3 ft Maximum Maximum Current Color Code Item Meter Connection Type Voltage Wire Insulation Brand No. Modular Test Leads CAT III 1000V 4WRA7 Double Insulation **Bight Angle Shrouded Plug** ,000,000, 10 A 10 A 4WRC4 5PR89 Black, Red Black, Red 4 ft 4 7/8 ft Double Insulation EPDM Fluke Straight Shrouded Plug Double Insulation 1 000 \ 10 A Black Rec 4 ft **4WRD5** CAT III 1000V; CAT IV 600V Fluke T5 Plug 1,000 V 1,000 V 1,000 V 1,000 V EPDM Fluke 13E627 Black 10 A 10 A 10 A Black, Red Black, Red Black, Red Fluke 4 7/8 ft 5 1/4 ft 3 1/4 ft Silicone 3M1186 **Right Angle Shrouded Plug** Silicone PVC 3EB20 6JHZ0 Milwaukee Standard Shrouded 1.000 V 10 A 1 ft. 8 Double Insulation **4WRA6** Banana Plug Straight Shrouded Plug 1.000 V 3EB19 10 A Black, Red 4 1/8 ft Silicone Fluke Meter Connection Maximum Maximum Type Voltage Current Test Lead Kits Item Current Clip Style Probe Style Additional Components Brand No. Right Angle Plug Simpson 23MM52 Electric 1,000 V 3 1/6 in Alligator 55KR09 **Right Angle** 1.000 V 10 A Alligator Standard Carrving Case 3 ½ ft Extech Shrouded Alligator, Retractable Plug 1,000 V 10 A Carrying Case 5 ¼ ft Extech 9X.IG1 Hook Standard Straight Retractable 1 000 V 3 1/2 ft 8MYW5 Shrouded 10 A Alligator Fxtech Standard Plug; Alligator, Retractable Pushon 1,000 V 10 A Carrying Case, Type K Bead Probe 5 ¼ ft Extech 9XD79 Hook Standard Standard Alligator 1,000 V 1,000 V 60 V 60 V Alligato 8G784 9XD22 Carrying Case 3 ½ ft 5 ¼ ft 6 A Extech 16*I* Alligator Standard Extech 4 ft 5 ft 3 1⁄4 ft 3 A Fluke Fluke 4XKV 4XKU Alligato Standard Carrying Case Carrying Case, Modular Spade Lug 10 A 300 \ Alligator Standard Fluke 5XV77 10 A 10 A 10 A 4 ft 4 11/12 ft 4 11/12 ft ,000 ,000 4WRD8 Alligato Standar Alligator Carrying Case Carrying Case, Probe Light Fluke Standari 3EB21 4CB71 1,000 V Standard Fluke Alligator, 1.000 V 10 A Standard Carrying Case, Modular Spade Lug 4 11/12 ft Fluke 2JYX5 Hook 1,000 V 1,000 V 10 A 10 A Alligato Standard Carrying Case, Temperature Probe 4 11/12 ft Fluke 2.IYX6 Standard 5 1/4 ft 3EB22 Alligator 1,000 V 10 A Standard Carrying Case 5 ¼ ft Fluke 4CB84 Hook Alligator 1,000 V Standard 4 11/12 ft Fluke 4CB83 10 A Carrying Case Standard Shrouded Banana 1 000 V 10 A Standard 4 11/12 ft Fluke 4YF80 1,000 V 1,000 V 1,000 V Alligato Carrying Case 4WRE6 4 ft 4 ft Plug Alligato Standard 4WRE Carrying Case, Modular Spade Lug Carrying Case, Stray Voltage Eliminator Carrying Case, Modular Spade Lug Carrying Case, Modular Spade Lug 1,000 V . 4 ft Alligator 4WRE: Standard 1.000 V 5 ft Fluke 1BE25 1,000 V 4 ft 4WRF4 Alligator Standard ,000 V ,000 V Alligator Standard 4 f 4WRD6 Standar άf 4WRF8 ,000 V ,000 V ,000 V ,000 V ,000 V 4WRD9 Alligator Standard 4 ft Standard Standard Alligato Alligato 4WRD7 4WRE5 Carrying Case, Modular Spade Lug 4 ft

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Carrying Case Carrying Case Carrying Case, Modular Spade Lug