



The leader in Safety Training and Consulting  
is now your “Go-To-Place” for Temporary Protective  
Ground Mats and Grounding Equipment



*ESCI Inc, offers the original*

## **KRI-TECH EPZ Ground Mat**

*when only the best ground mat will do.*

ESCI was the first to offer the KRI-TECH EPZ Ground Mat to the industry. Now ESCI again offers our personal protective grounding expertise to assist your company in the challenges of identifying, specifying, and acquiring the proper grounding equipment to provide a safe and productive worksite. Not only can ESCI assist in procuring the correct grounding equipment, but we can also assist you in your work methods development and training. ESCI takes the guess work out of personal protective grounding equipment.

### **Required when an Equipotential Zone (EPZ) must be developed during:**

- Maintenance of de-energized and grounded UG cables, accessories, padmount switches, and transformers;
- Operating overhead switches at ground level;
- Contact with mechanical equipment operating near energized lines and equipment;
- Wire pulling and stringing operations;
- Operating equipment when the station ground mat condition is questionable;
- Cable splicing and thumping; or
- Hydro excavating.

### **Features:**

- Standard orange vinyl or black skid-resistant polyester fabric;
- Constructed with ¼-inch copper braids in an 8-inch grid, and a ½-inch copper braid covered by the perimeter hem;
- Two (2) large, current carrying conductor stubs allowing multiple mats to be joined making a larger protective area;
- Can be used as a concentric bonding jumper due to larger braiding;
- Offered with ball-stud connection, or multiple-length cable leads with ferrules;
- Lightweight and easily stored and maintained;
- Three standard sizes available and custom configurations;
- Multiple options for clamps and connectors.

### ***Complies with***

- ASTM 2715-19 “Standard Specification for Temporary Protective Equipotential Bond Mat to be Used on De-Energized Equipment”
- 29 CFR OSHA 1910.269(n)(3) and 29 CFR OSHA 1910.269(p)(4)(iii)(C)(3)
- NESC 444.D
- IEEE 1048 “Guide for Protective Grounding of Power Lines”



5858ORBS



10YCC



10SCTF



1BBSC



1ALBSC1590

Catalog Number	Description
5858ORBS	58" x 58" Orange w/ball studs
58120ORBS	58"x 120" Orange w/ball studs
5858ORBS10YCP	58" x 58" Orange w/ball studs, 2 - 10' 1/0 cables, ball clamp & #6 – 1590 kcmil clamp
58120ORBS10YCP	58" x 120" Orange w/ball studs, 2 - 10' 1/0 cables, ball clamp & #6 – 1590 kcmil clamp
2YCC	#2 Yellow jacket copper cable
10YCC	1/0 Yellow jacket copper cable
1BBSC	1" Bronze ball socket clamp
1ALBSC1590	1" Aluminum Ball Socket Clamp #6 – 1590 ACSR
2SCTF	#2 Shrouded Copper Threaded Ferrule
10SCTF	1/0 Shrouded Copper Threaded Ferrule
5858BG	11" x 11" x 22" bag for 5858 mat
58120BG	12" x 12" x 24" bag for 58120 mat



**For more information or ordering, contact:**

*The leader in electric utility industry safety and training services*

**ESCI Inc.**, PO Box 2822, Bellingham, WA 98227

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*We also offer our Live-Line Training and Energized Work Methods Program  
— rated #1 in the industry.*