

Bond-Rite[®] EZ

Portable Static Grounding & Bonding Assembly

The **Bond-Rite EZ** is an easy to use hand-held portable static bonding device that can quickly and securely establish and verify an equipotential bond between equipment and ground during operations in hazardous areas, for example the transfer of flammable or combustible products.

When it has established a secure and healthy bonding connection, the **Bond-Rite EZ's** bright green LED flashes continuously, confirming that it is safe to begin the operation or flammable transfer process.

The **Bond-Rite EZ** is especially useful in situations requiring temporary or emergency static grounding, where it is not practical to connect to a permanent grounding system, but where safety procedures or guidelines require that bonding and grounding connections must be tested and verified.



Example of grounding truck bonded to IBC



Flashing LED confirms healthy Bond connection

Applications

- Material transfers between containers.
- Re-fuelling aircraft and the use of mobile bowsers.
- Evacuating chemicals from reactors, storage tanks and containers.
- Metering and calibration systems.
- Mobile transfer pumps, blowers and mixing systems.
- Flammable liquid and liquefied gas delivery vehicles.



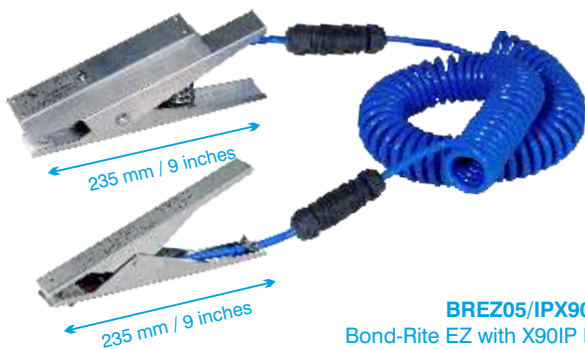
- Compliant with **CLC/TR: 50404, NFPA 77 & API Standards** - intrinsically safe electronics monitor the bonding circuit through the clamp ensuring resistance does not rise above 10 Ohms.
- Designed for **Long Lifetime** use the **Stainless Steel** clamp body is mechanically robust and designed for use in heavy duty industrial environments - resistant to chemical attack and environmental corrosion.
- Aided by powerful spring action, **Tungsten Carbide Tips** bite through hardened layers of product deposits, rust and layers of dirt to guarantee direct contact with all conductive metal equipment surfaces.
- **In-Line Quick Connectors** allow flexible interchangeability of different clamp sizes and cable lengths - useful for storing and replacing clamps and cables.
- Certified **Intrinsically Safe** circuits allow the **Bond-Rite EZ** to be used in all common flammable liquid, gas, vapour and dust atmospheres.



Tungsten Carbide Tips





In-Line Quick Connect



BREZ05/IPX90
Bond-Rite EZ with X90IP Heavy Duty Clamp and 5m/16ft of Hytrel® protected cable. Also available with X45IP Medium Duty Clamp.

Certification

 II 1 GD EEx ia IIC T4
 IS, Class I, II & III,
 DIV. 1 & 2 and all gas groups

Battery

9v Lithium Manganese
ULTRALIFE U9VL-J battery included

Monitoring Set Point

10 Ohms

Ordering Code	Product Description	Approvals		
BREZ05/IPX45	Bond-Rite EZ with 5 mtr (16ft) Retractable Cable and X45-IP (stainless steel) Medium Duty Clamp	ATEX	FM	CSA
BREZ05/IPX90	Bond-Rite EZ with 5 mtr (16ft) Retractable Cable and X90-IP (stainless steel) Heavy Duty Clamp*	ATEX	FM	CSA
BREZ10/IPX90	Bond-Rite EZ with 10 mtr (32ft) Retractable Cable and X90-IP (stainless steel) Heavy Duty Clamp*	ATEX	FM	CSA

(alternative clamp / cable combinations available on request).
*VESX90-IP features universal clamping jaw, may be directly attached to ground rod.

The Bond-Rite EZ forms part of the Bond-Rite range of Static Grounding and Bonding Equipment available from Newson Gale