

HOW ZERUST® DIFFUSER PRODUCTS WORK

Zerust® ICT® diffusers are easy to use corrosion protection products that contain patented Zerust® corrosion inhibiting technology. They come in different formats to meet specific protection needs. They all emit powerful corrosion inhibiting molecules into an enclosure that settle on metal surfaces and protect them from corrosion. Use them to protect ferrous and non-ferrous metal such as iron, steel, copper, zinc and solder.



Features:

- Proven corrosion protection
- Easy to use
- Non toxic and odourless
- Fits restricted spaces
- Does not leave residue on electrical contact surfaces

Benefits:

- Reduce corrosion incidences
- Improve equipment reliability
- Reduce need for inspection and rework
- Save money and resources

Application Examples:

- Protect electrical connections in enclosures
- Protect an entire control room from corrosion



How the ZERUST® protective molecules suppress corrosion:

1. They passivate the electron flow between the anodic and cathodic areas on the metal surfaces.
2. They may also form a hydrophobic layer that prevents water and moisture from direct contact with the metal therefore acting as an electrolyte.
3. They may regulate the pH value of the electrolyte.



Product Code	Volume of Protection	Radius of Protection	Duration of Protection	Adhesive Backing
VC1-1 (S)	4.2ft ³ (0.12 m ³)	1ft (0.3m)	1 year	Yes
VC1-1	4.2ft ³ (0.12 m ³)	1ft (0.3m)	1 year	Yes
VC2-1	33.5ft ³ (0.95 m ³)	2ft (0.6m)	1 year	Yes
VC2-2	33.5ft ³ (0.95 m ³)	2ft (0.6m)	2 years	Yes
VC6-1	905ft ³ (25.63 m ³)	6ft (1.8m)	1 year	No
VC6-2	905ft ³ (25.63 m ³)	6ft (1.8m)	2 years	No