

## Customer Information about RoHS Compliance

**FERROXCUBE** warrants that all ferrite products and accessories as supplied by FERROXCUBE **do not contain** the Hazardous Substances as described by the Directive 2011/65/EU of the European Parliament and of the Council of June 8, 2011 "*on the restriction of the use of certain hazardous substance in electrical and electronic equipment*" (RoHS), and the Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending annex II to directive 2011/65/EU as regards the list of restricted substances.

RoHS Restricted Substances	Allowable limit
Cadmium (Cd) and its compounds	100 ppm (0,01 weight %)
Mercury (Hg) and its compounds	1000 ppm (0,1 weight %)
Hexavalent chromium (Cr <sup>+6</sup> ) and its compounds	1000 ppm (0,1 weight %)
Lead (Pb) and its compounds	1000 ppm (0,1 weight %)
Polybrominated biphenyls (PBB)	1000 ppm (0,1 weight %)
Polybrominated diphenyl ethers (PBDE)	1000 ppm (0,1 weight %)
Ftalato di bis(2-etilesile) (DEHP)	1000 ppm (0,1 weight %)
Benzilbutilftalato (BBP)	1000 ppm (0,1 weight %)
Dibutilftalato (DBP)	1000 ppm (0,1 weight %)
Disobutilftalato (DIBP)	1000 ppm (0,1 weight %)

This warranty applies to:

- All bare ferrite cores
- Coated toroids (nylon, epoxy, parylene)
- Encapsulated (plastic) toroids
- Encapsulated (plastic) cable shields
- Accessories like coil formers, clips, tag plates, containers, springs, clamps, adjustors)

Wounded ferrites like WBS, WBC, BDS, CMS are supplied with two plating versions:

- Pb free
- non Pb free

Pb free plating is ROHS compliant, those products are marked with the suffix "-Z" at the end of product description and box are labelled with ROHS compliant mark.

For wound ferrites, due to different temperature soldering profiles of the lead-free versus non-lead free components we recommend testing for verification at your production process. FERROXCUBE will provide samples to support the qualification of these parts in your operations.

Quality Manager  
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