



## Vacuum Fittings and the European Union Restrictions on Hazardous Substances Directive 2015/863 (RoHS 3)

The EU directive 2015/863 (commonly referred to as RoHS 3) specifies restrictions and limits for the use of the following hazardous substances in electrical and electronic equipment:

- Cadmium(Cd): 0.01%
- Mercury(Hg): 0.1%
- Lead(Pb): 0.1%
- Hexavalent chromium (Cr6+): 0.1%
- Polybrominated biphenyls (PBB): 0.1 %
- Polybrominated diphenyl ethers (PBDE): 0.1 %
- Bis(2-Ethylhexyl) phthalate (DEHP): 0.1%
- Benzyl butyl phthalate (BBP): 0.1%
- Dibutyl phthalate (DBP): 0.1%
- Diisobutyl phthalate (DIBP): 0.1%

Additionally, the following RoHS exemptions (2010/571/EU) apply with no specified expiry:

- (6a) Lead as an alloying element in steel containing up to 0.35% lead by weight
- (6b) Lead as an alloying element in aluminum containing up to 0.4% lead by weight
- (6c) Copper alloy containing up to 4% lead by weight

We declare under our sole responsibility that Ideal Vacuum fittings and components manufactured from the following materials:

- 304/304L Stainless Steel
- 316/316L Stainless Steel
- 6061-T6 Aluminum Alloy
- Brass
- Copper

Are by nature in compliance with the RoHS 3 standard and applicable exemptions.