



Parker Hannifin Corporation  
Tube Fittings Division  
Product Engineering  
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**Restriction on the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment (2011/65/EU), End of Life Vehicle Directive (ELV) (2000/53/EC)**

The Tube Fittings Division of Parker Hannifin Corporation ("Parker") represents, with the limitations set forth herein, that all standard product(s) manufactured by Parker, with exceptions as noted below, meet the following in connection with the Restriction on the Use of Certain Hazardous Substances 2011/65/EU in Electrical and Electronic Equipment (with amendment EU 2015/863 or "RoHS 3") and the End of Life Vehicle Directive 2000/53/EC for automotive components ("ELV").

For purposes of this certification, Parker represents, with the limitations set forth herein, that homogeneous materials either:

- (i) contain no more than 1,000 parts per million ("ppm") by weight for lead, hexavalent chromium, Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE) Bis (2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP) and no more than 100 ppm by weight for mercury or cadmium;
- (ii) the homogeneous materials conform to one or more of the exemptions specified in the listed standards (2015/863/EC Annex and/or 2000/53/EC Annex and all associated revisions).

*Specifically:*

*carbon steel products conform under annex III exemption 6(a) for Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35 % lead by weight*  
*brass products conform under annex III exemption 6(c) for Copper alloy containing up to 4% lead by weight*

The following products offered by Parker Hannifin Tube Fittings Division do not meet the requirements of ELV directives: Silver Braze Ring for Steel Tube, ex.: part number "4 SBR", "6 SBR"...

Parker's representations herein are solely based on the Material Data Sheets (MDS) provided by Parker's suppliers. Parker has not chemically analyzed the Products for any of the listed substances. Further, Parker's representations herein do not include disclosure of the existence of "impurities," defined for purposes of this certification as chemical substances that are unintentionally present with other chemical substances and are not present for the purpose of imparting or changing the characteristics of a material or product.

Since conditions of use are outside Parker's control, Parker makes no warranties, express or implied, and assumes no liability related to any use of this information.

Regards,

Diane Artman  
TFD Engineering Manager  
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