

Mannesmann Precision Tubes GmbH
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Mannesmann Precision Tubes Business partner

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Directive 2002/95/EU (RoHS 1)
Directive 2011/65/EU (RoHS 2)
Commission Delegated Directive (EU) 2015/863 (RoHS 3)

Directive 2011/65/EU inclusive the two additions lay down rules on the restriction of the use of hazardous substances in electrical and electronic equipment (EEE) with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE. Annex II to Directive 2011/65/EU is replaced by the text in the Annex II to the Commission Delegated Directive (EU) 2015/863 adding further four specific substances.

Restricted substances referred to in Article 4 (1) and maximum concentration values tolerated by weight in homogeneous materials are:

Lead (0,1%), mercury (0,1%), cadmium (0,01%), hexavalent chromium (0,1%),
PBB (0,1%), PBDE (0,1%), DEHP (0,1%), BBP (0,1%), DBP (0,1%) und DIBP (0,1%).

Our following products fulfil the requirements of the **Directive 2011/65/EU** combined with the **Commission Delegated Directive 2015/863/EU**:

Precision steel tubes acc. to DIN 2391, DIN 2393, DIN 2394, EN 10216, EN 10217, EN 10305 or comparable standards / materials without metallic surface protection (not galvanized) or with surface protection galvanized and passivated (type Cr (VI) free).

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