

Chamberlain Plastics International Limited

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PRODUCT DATA SHEET

ROHS Directive 2011/65/EC & (EU)2015/863

Metalon laminates consist of bi-laminates of metallised polyester film laminated to either flexible or rigid PVC base and are intended for decorative applications. Metalon products are not specifically designed and manufactured for use in electronic and electrical equipment. This document is provided for information purposes only.

Typical analysis of Metalon films and laminates:

Heavy Metal Extraction Concentration (mg/m³):

As	<1
Ba	<5
Cd	<1
Cr as Cr ⁶⁺	<1
Hg	<1
Pb	<1
Sb	<5
Se	<10

NB: Laminates described as Chromium Polish FNM/R800 and Chromium Polish Weatherable FNM/R800 contain Chromium metal within the structure as the metallising layer, and is present in a nominal concentration of $3 - 5 \times 10^{-2} \text{ g/m}^2$. All other laminates use Aluminium as the metallising in a nominal concentration of $4 - 7 \times 10^{-2} \text{ g/m}^2$.

Laminates made from flexible PVC's, coded FNM, FNM4 and FNM5 contain DINP plasticiser, and laminates made from rigid PVC, coded R800 are plasticiser free.

Metalon is also free from:

Benzylbutylphthalate
Dibutylphthalate
Diethylhexylphthalate
Dimethylfumarate
Octabromodiphenyl ether
Polybrominated Biphenyls
Polybrominated Diphenylethers
Pentabromodiphenyl ether

We confirm that to the best of our knowledge and supplier data, Metalon film and laminates meet the requirements of the ROHS Directive 2011/65/EC & (EU)2015/863, and ACPEIP (China ROHS).

Users of METALON film and laminates are recommended to consult Chamberlain Plastics International Limited Health and Safety literature.

Information contained in this publication is to the best of our knowledge accurate at the time of issue and is given in good faith, but we are unable to accept responsibility in respect to factors which are outside our knowledge and control. We assume the user assesses the suitability of the product for their particular application. The data relates only to the specified product and does not relate to use in combination with any other material or in any process.