

THE LABEL: REASONS AND MEANING

The Infinitely Recyclable ® certification is the goal of a project of applied research promoted by ECOMETAL and worked out in co-operation with the National Institute for the Physics of Matters (INFM) during 2002-2004, on several kinds of metallic supports and electroplating treatments. Investigations and tests carried out within the project allowed to constrain:

1. the technical requirements that make both metallic support and electroplated coat suitable for recycling;
2. the industrial process able to recycle both support and coat;
3. the characteristics of the new material resulting from recycling.

The results of the project are put into practice by means of specific technical protocols. A synthesis of the protocol concerning nickel-chromium treatments (Technical Protocol 2003/01: Fe/Ni) on steel is **here reported**.



infinitely recyclable

Thanks to the technical protocols, the label Infinitely Recyclable ® is also a certification of materials and electroplating processes. As such it is licensed only to electroplating firms and only when their products meet the requirements of the technical protocols.