

Yellow Gold vacuum metallisation process

IDVAC ■ The vacuum coating solution supplier has developed a vacuum metallisation process to convert standard Silvery coloured metallised films into Yellow Gold colour without using any wet chemical dyes. In this process, standard Aluminium metallised films which are Silvery in colour are converted in a vacuum into Yellow Gold colour with different shades. Golden colour can be applied on topside, backside or both sides of standard Aluminium metallised films or papers.

The present processes to achieve a Golden colour on standard metallised films use wet chemical dyes, which turn into a Golden colour once it is coated with Aluminium, or when Aluminium is lacquered by the chemical dyes. The application of chemical dyes onto films or papers requires the use of wet coating

machines and chemicals. This new process is dry, vacuum-based, environmentally friendly and cuts the cost of using wet chemical dyes. The vacuum colouration of standard metallised substrates is carried out inside a standard vacuum web metalliser at an average line speed of 200–300 m/min (656–984 fpm) depending on the Gold colour shade required. Metallised films such as OPP, BOPP and PET and metallised paper can be Golden coloured in this process.

→ www.idvac.co.uk

