

C42NPB Grade – A hot stamping foil for Licence Plates

APPLICATION: The C42NPB grade is designed as an exterior grade foil for roll-on application to embossed vehicle licence plates where resistance to Light, Gasoline, etc, is a requirement.

OVERVIEW

Key features:	The C42NPB grade is principally for vehicle licence plates but can also be used for other exterior applications requiring high durability in exceptional environments. The C42NPB has a unique adhesive for application onto Vinyl and certain polyurethane based retroreflective laminates.
*Operating temperatures:	Roll on press: 170°C - 230°C Typically ~ 200°C is suitable for most applications *Dependent on machine type and application parameters.
Substrates:	PVC Licence plate materials such as 3M – 4750, 4790. Also suitable for Dai Nippon and KIWA laminates. Note – self over-printing feature to cover any missing areas on plates.
Availability:	C42NPB is only available in black and is on a 19 micron matt polyester carrier film. For more information on availability, contact the Customer Service Team at API Foils.

PROPERTIES

Resistance Properties:	Good resistance to Abrasion and UV light. Excellent resistance to Plasticiser migration. Excellent adhesion to PVC laminates. C42NPB conforms to German DIN 74069 German DIN50018/Kesternich test, 5 cycles with little loss of adhesion.
Toxicity:	Classed as non-toxic and meets stringent legislation of numerous industry standards, including: - CONEG (relating to the protection of the environment) EN71.3 (relating to toys, food packaging, etc.) BS5665 Part111 1995 (relating to toy safety) RoHS – 2002/95/EC (relating to electrical components) The EC Directive on Packaging and Packaging Waste 94/62/EC, the UK Packaging (Essential Requirements) regulations 1998.
Storage:	Foils should not be stored or transported in direct sunlight, and should avoid extremes of heat and humidity, as well as condensation and undue pressure on the roll. Under ideal storage conditions of 5-25°C and 30-60% relative humidity, a storage life of 12 months should be possible.

Data contained in this information sheet is provided as a source of information that we believe to be accurate and reliable but does not constitute a warranty of any kind. Customers should determine to their own satisfaction the suitability of this material for a specific purpose. API reserves the right to change specifications without notice. Please contact the Market Support Team at API Foils for further Technical Information about this product and contact the Customer Service Team for availability details.

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