



TU Grade – Cold Foil for Sheet-fed Offset Presses

APPLICATION: Sheet-fed cold foil for use with UV adhesives and UV inks on offset presses equipped with cold foil modules.

OVERVIEW

Key features:	The TU Grade is a free releasing foil with good adhesion onto cold foil adhesives, which allows in-line or off-line over-printing with UV drying offset inks. Good fine detail, solid area coverage and gloss.
Machines:	Designed for use on sheet-fed offset presses equipped with cold foil modules.
Adhesives:	Gives good adhesion with recommended UV curing cold foil adhesives. Contact the Market Support Team at API Foils for further details.
Substrates:	Coated papers and boards.
Availability:	Available in a limited range of shades. For more information on availability, contact the Customer Service Team at API Foils.

PROPERTIES

Over-printability:	TU's receptive surface is readily over-printable with UV or conventionally (oxidatively) drying offset inks, allowing good adhesion of the inks to the foil. For the best results it is recommended to use TU foil in 100% solid designs, rather than those incorporating areas of screen or halftone.
Resistance Properties:	Good resistance to Water (STM06) Good resistance to Wines and Spirits (STM07) For good abrasion resistance, the foil should be protected by a varnish. Contact the Market Support Team at API Foils for more information.
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.

API Foils Europe:	
UK	+44 (0) 1506 438 611
France	+33 (0) 169 754 321
Germany	+49 (0) 912 263 040
Italy	+39 (0) 131 233 617
Poland	+48 (0) 222 331 065