



6 Blanket

Finito® foil

Cold foil application in-line on a sheet-fed offset press is a modern technology to achieve extraordinary metallic effect on paper and carton board.

Two units are required for cold foil application.

The first applies a paste adhesive to all or part of the printing material using a conventional offset plate, while the second incorporates the cold-foil module with the metal foil take-up and take-off unit. The foil is fed through the printing nip between the blanket and impression cylinders. The pressure of the blanket transfers the metal layer of the foil onto those parts of the printing material to which adhesive has been applied. When the substrate is removed, the metal layer remains on the printing material.

Finito® foil is a special product developed for "cold foil" application.

Finito® foil allows an even pressure throughout the width achieving a very high adhesion. That feature has shown the chance to decrease the amount of adhesive to be applied. The high release of its surface allows a regular and defect free removal of the unused foil.

The very low roughness of the top layer allows to achieve a very smooth laminated foil onto the paper or the carton board. Moreover the special characteristics of the top layer, which takes advantage of nanotechnology in its preparation, give a very high rub and scratch resistant surface.

Finito® foil	
Physical properties	Typical value
Nominal thickness	1.96
Elongation (%)	< 0.9
Tensile strength (N/mm)	> 60
Average load value (N/cm ² @ 0.23 indentation)	250

