

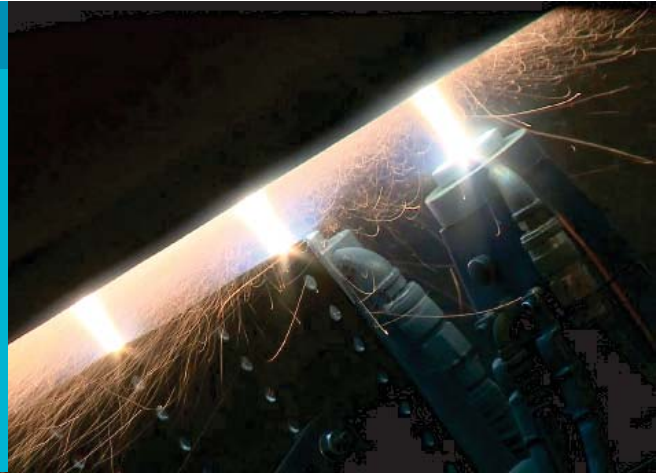
# Chrome free Yankee thermal spray coating

for safety and unparalleled reliability

Valmet Infinikote-2 Yankee Metallizing is 100% chrome free and therefore generates no harmful hexavalent chrome during application. It is the most environmentally safe and durable Yankee thermal spraying coating available.

## Benefits:

- 100% chrome free
- Tailormade for tissue making
- Long service life expectation through improved wear resistance
- Provides uniform surface for best sheet adhesion during tissue production
- Better paper quality – ideal for running ceramic doctor blades



Valmet Infinikote Yankee Metallizing is the most successful thermal sprayed coating for Yankee cylinders in existence with more than 500 references globally on both cast iron and steel Yankee cylinders.

Valmet Infinikote Yankee Metallizing is a unique patented material and application process resulting in a superior tissue creping surface that maintains the profile and prolongs the life of the Yankee cylinder surface.

## New Yankee coating for the safety of people and the environment

Having recognized the potential risks associated with the thermal spraying of materials containing any chrome, the development of a new generation 100%

chrome free product was initiated.

The primary performance objectives were to remove the environmental and safety concerns associated with thermally sprayed products containing chrome and to apply the thermal coating with a similar process to current while creating a suitable surface for tissue production.

Valmet Infinikote-2 Yankee Metallizing achieves this as whilst being 100% chrome free it equals or surpasses all current measured criteria for thermal-spray coating performance.

## Applications

All steel and cast-iron Yankee cylinders used in tissue production.

## Improvements in comparison to previous Valmet Yankee thermal coatings:

- 100% Chrome free - safe and environmentally friendly application
- Tougher and more wear resistant – improved material structure and strengths
- Corrosion resistant - better than Valmet Infinikote-1 Yankee Metallizing chrome based thermal coating
- Improved heat transfer properties

For more information, contact your local Valmet office. [www.valmet.com](http://www.valmet.com)

e-mail: use generic e-mail address ([paper.service@valmet.com](mailto:paper.service@valmet.com))

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