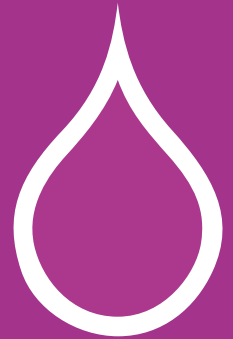


Cast & Cure Coatings

HIGH PERFORMANCE, UV CURABLE THRU CURE
COATINGS OPTIMIZED FOR CAST & CURE APPLICATION



Cast & Cure Coatings

permit Cast & Cure application on a wide variety of substrates and eliminate the need for costly, heated rotary dies or holographic substrates. The technology uses the UV print process in combination with the Cast & Cure Film and Cast & Cure Coating to create the desired image to the substrate with UV curing of the coating and delamination of the film.

Applicable substrates include:

- Polyethylene (PE) and Polypropylene (PP)
- Vinyl
- Various paper substrates; coated semi-gloss or gloss material
- Plastic laminate tubes
- Unsupported and heat sensitive films
- Cartonboard

Applications include cosmetics, wine labelling, health & beauty, packaging etc. Cast & Cure Coatings can be used in combination with most of Flint Group Narrow Web ink technologies.

PROPERTIES	BENEFITS
<ul style="list-style-type: none"> • Excellent imaging of various effects such as holographic, matte, etc. 	<ul style="list-style-type: none"> • Fine detail imaging
<ul style="list-style-type: none"> • Press ready 	<ul style="list-style-type: none"> • Easy to use
<ul style="list-style-type: none"> • Single component formulation 	<ul style="list-style-type: none"> • Reduced make-ready, easy to use
<ul style="list-style-type: none"> • Film can be reused up to 10-15 times, if the print run is managed properly and the web is controlled 	<ul style="list-style-type: none"> • Low cost to create Holographic images and special effects

Cast & Cure Coatings

Availability

- in UV Flexo UVT00001 (Standard C&C Coating)/
UVT00003 (Low odor C&C Coating)
- in UV Letterpress/Offset UVT00107 (UV Offset C&C Coating)

The information contained in this brief product presentation is based on long experience of Flint Group Narrow Web and on internal standardised tests. It is not to be interpreted as a warranty or guarantee in any form as conditions beyond our control can affect the quality of the printing. If there is any doubt, the user should always make every effort to ensure that the products used are appropriate for the purpose.

CAST & CURE COATINGS OFFER:

- Excellent casting or curing
- Proven suitability on a wide variety of substrates
- Capability of being used with many ink technologies, very suitable for combination printing
- High curing speed
- Allows for higher printing speeds relative to hot foil stamping

Cast & Cure Coating Technology:

The technology involves the printing of the Cast & Cure Coating onto the desired substrate using for example the flexographic printing technique. The substrate, along with the Cast & Cure Coating, is nipped with the Cast & Cure Film and passed through the UV unit while still under pressure. The film transfers the image / effect to the coating. This technique eliminates the need for costly, heated rotary engraved dies, or changes in press configuration. With a wider range of running speeds compared to those of traditional hot foil stamping, the converter is offered a number of major benefits. Cast & Cure is a decorative coating process that integrates “casting” and “curing” techniques to form a consistent high quality surface that can include ultra high gloss, matte and holographic finishes on a variety of substrates.

Benefits of Cast & Cure are:

- Flexibility of the Design Process
- Flexibility of the Substrate Choice
- Security and Eye Appeal
- Environmentally friendly
- Lower cost solution

**For more details on Cast & Cure Coatings,
call your nearest Flint Group Narrow Web office or dealer.**

Flint Group Narrow Web
15500 28th Avenue North,
Plymouth, MN 55447, USA
www.flintgrp.com

T +1 763 559 5911
Toll Free in the U.S.(800) 328 7838
F +1 763 559 0243
info.narrowweb@flintgrp.com

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