

CHEMISTRY OF TRUST





# History

1985

Inception

1989

Expansion

1995

IPO & Listing  
of Vikram

1997

Started  
DRUGCOAT

2006

New cGMP - compliant  
manufacturing facility.

2014

India's First  
EXCIPACT Certified  
Company

## Credentials

Company has state of the art manufacturing facility certified with International EXCiPACT GMP certificate. A combine certificate of IPEC EUROPE and IPEC USA for manufacturing international standard pharma Polymers (EXCIPIENTS). EXCiPACT, Good Manufacturing Practice, ISO 9001:2008 and Halal certificate and many multinational company audit approval enabling pharmacopeial GMP International quality product manufacturing in India. Vikram Thermo (India) Limited filed US-DMF approvals across its product range.



## DRcoat® Ready-to-use systems

The pharmaceutical industry demands solutions that simplify operations, reduce variability, and enhance quality. DRcoat® delivers exactly that an advanced, ready-to-use, pre-blended formulation that eliminates the complexities of in-house coating preparation. It ensures consistent color, reproducibility, and uniformity across every batch, helping manufacturers meet regulatory standards with confidence.

## “Transforming coating practices in pharma”

By reducing preparation time, minimizing solvent handling, and reducing error risks, DRcoat® streamlines large-scale production. The result is optimized costs, faster turnaround, and superior aesthetic appeal without compromising functional performance of solid oral dosage forms.





2018

Became Asia's largest manufacturing capacity.

2022

New flagship product launch

2025

Launched advanced R&D initiatives

## Mission

Our mission is to be a global leader in excipients, driven by advancement, reliability & expertise. Delivering international quality, cost-effective solutions every time.

## Vision

To create excipients that improve lives, safeguard the planet, & leave a lasting impact on communities & industries worldwide.

## Key Advantages of DRcoat®

- Operational efficiency
- Consistency & quality
- Regulatory compliance
- Time & cost savings
- Improved safety
- Enhanced patient acceptability

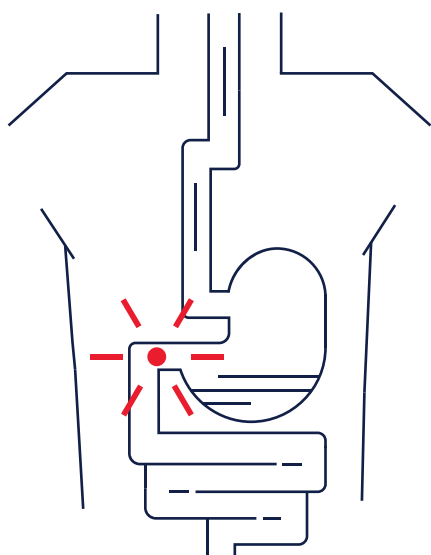
DRcoat® provides reliable performance and compatibility across diverse APIs and excipients, it became a pivotal enabler of modern pharmaceutical manufacturing by bridging the gap between productivity, compliance, and patient trust.





# DRCOAT® Enteric coating

Reliable protection,  
ready-to-use convenience



The DRCOAT® Enteric coating - range combines the proven functionality of DRUGCOAT® with the simplicity of a pre-formulated ready-to-use system.

Specifically designed to protect acid-sensitive APIs and enable targeted intestinal release, DRCOAT® Enteric eliminates the complexity of raw material handling, weighing and dispersion delivering consistent performance in every batch.

## Enteric Coating Products

Product	Description	Physical Form	Type of Dilutant	Reconstitution Level	Usage Level/ Weight Gain
DRCOAT® ECS	DRUGCOAT® based enteric coating system	Powder	Non-Aqueous	10-11% w/w	6-8%
DRCOAT® ECA	DRUGCOAT® based enteric coating system	Powder	Aqueous	18-20% w/w	7-9%
DRCOAT® EZ	DRUGCOAT® based enteric coating system	Aq. Dispersion	Ready To Spray	Ready to spray	8-10% on dry polymer base

# DRcoat® ECA

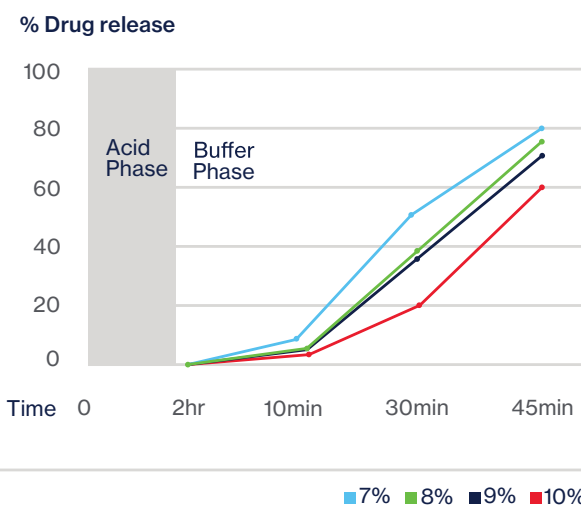
## The sustainable future of enteric coating



Solvent-based enteric coatings have played an important role historically, but today the industry is moving toward more sustainable practices. With greater focus on cleaner manufacturing, reduced VOC exposure, safer operations and lower waste footprints, formulators are increasingly choosing coating systems that support environmental responsibility while maintaining performance. This evolution reflects a shift toward smarter, greener, and more future-ready coating solutions.

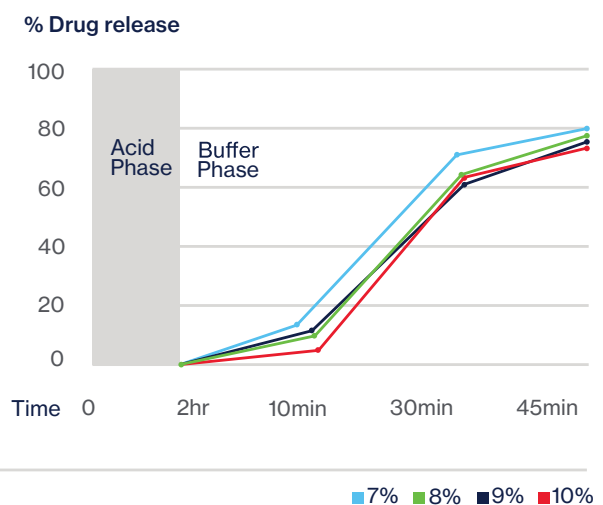
### DRcoat® ECS

Release of diclofenac sodium tablets



### DRcoat® ECA

Release of diclofenac sodium tablets



# DRcoat® Immediate release coating

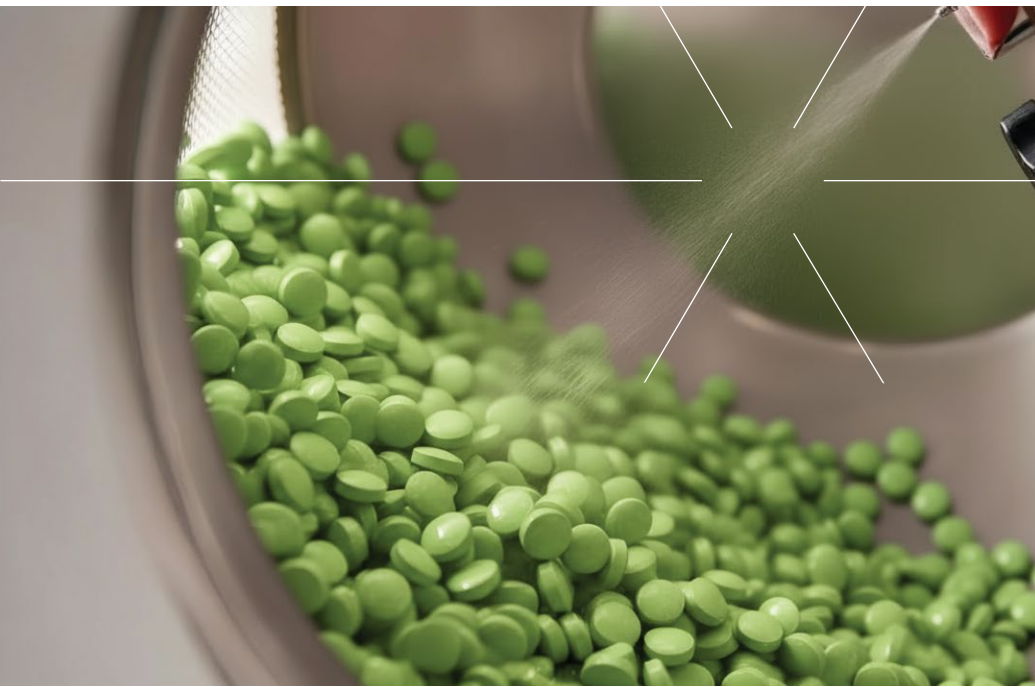
Fast, reliable, and ready-to-use

The DRcoat® Immediate release film coating range is engineered to deliver rapid dissolution, elegant appearance, and robust protection while offering the simplicity of a pre-formulated ready-to-use system. Designed for efficiency, it eliminates the need for in-house weighing, mixing, and dispersion, ensuring consistent coating performance and reducing colour variability.

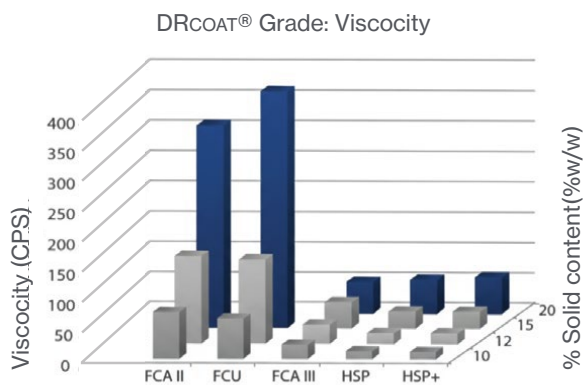


# Coating efficiency

## The viscosity factor



Studies of DRCoAT® grades show that coating solution viscosity increases with higher solid content, with significant differences between grades. Viscosity is a critical parameter, directly affecting sprayability, atomization, and film uniformity during coating.



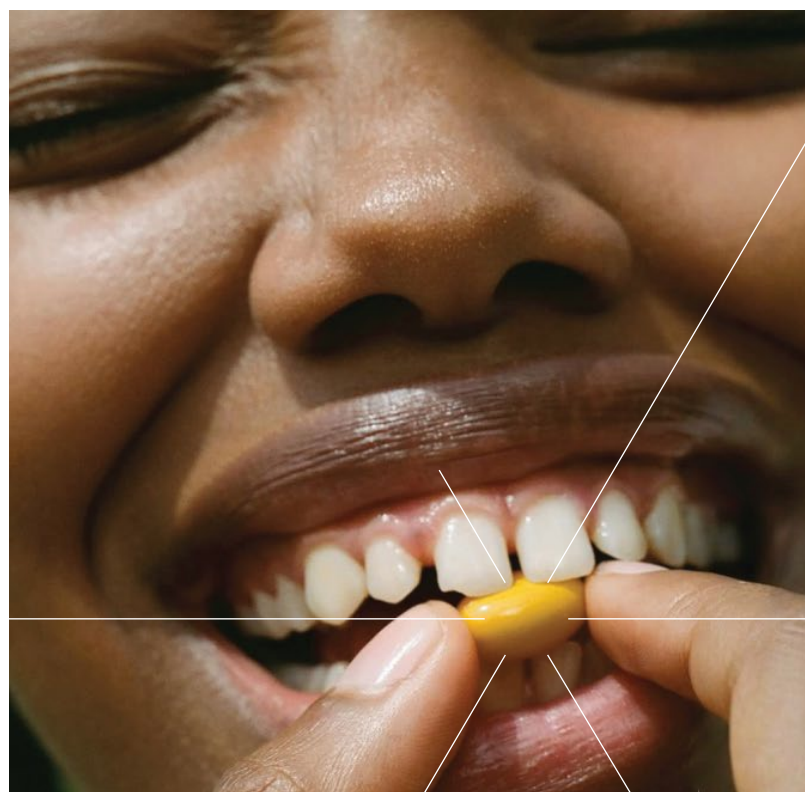
### Immediate release film coating products

Product	Description	Physical Form	Type of Dilutant	Reconstitution Level	Usage Level/ Weight Gain
DRCoAT® FCU	HMPC based film coating system	Powder	Universal	5-12% w/w	2-2.5%
DRCoAT® FCA II	HMPC based film coating system	Powder	Aqueous	11-12% w/w	2-2.5%
DRCoAT® FCA III	HMPC based film coating system	Powder	Aqueous	15-20% w/w	2-2.5%
DRCoAT® HSP	PVA Based moisture barrier coating system	Powder	Aqueous	Upto 20% w/w	2.5-3%
DRCoAT® SEAL	HMPC based film coating system	Powder	Universal	5-12% w/w	2-3%

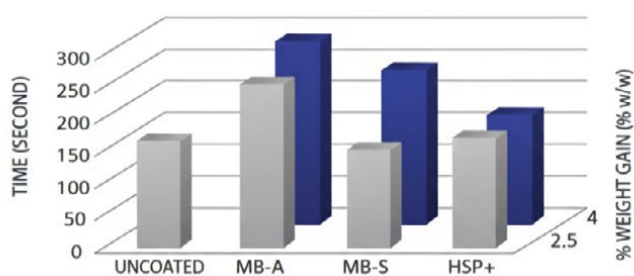
# DRcoat® Moisture barrier coatings

Protecting stability,  
enhancing performance

Moisture sensitivity is a common challenge in pharmaceutical formulations. DRcoat® Moisture barrier coatings - provide robust protection against moisture ingress, ensuring long-term stability of APIs and finished products. Available as convenient ready-to-use systems, they combine excellent film-forming properties with easy processing, suitable for oral solid dosage form.



DRcoat® moisture barrier: Disintegration time



## Moisture Barrier Products

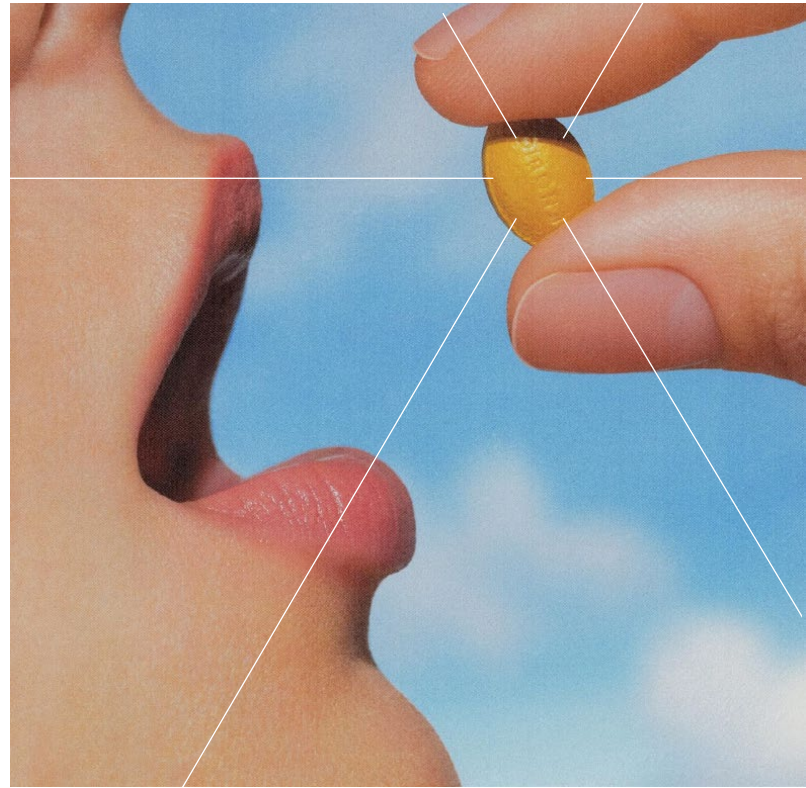
Product	Description	Physical Form	Type of Dilutant	Reconstitution Level	Usage Level/ Weight Gain
DRcoat® MB-S	Solvent based moisture barrier coating system	Powder	Non-Aqueous	5-6% w/w	3-4%
DRcoat® MB-A	Aqueous based moisture barrier coating system	Powder	Aqueous	11-12% w/w	3-4%
DRcoat® HSP+	PVA based moisture barrier coating system	Powder	Aqueous	Upto 20% w/w	3-4%



# DRcoat® MB-A

## EPO based ready-to-use coatings

DRcoat® MB-A covers a specialized EPO based ready-to-use coating formulation designed for efficient taste masking, Moisture protection and immediate-release applications. It eliminates complex weighing, mixing, and dispersion steps while providing excellent taste masking and moisture protection. With high reproducibility and smooth film formation, it supports faster product development and cost-effective large-scale manufacturing.



## Water vapor transmission rate (WVTR)

### Critical for moisture protection

WVTR measures a coating's resistance to moisture. Lower WVTR ensures stronger protection, preserving physical integrity, chemical stability, and bioavailability of sensitive APIs.

Drcoat® moisture barrier coatings offer:

- Effective moisture protection for hygroscopic APIs
- Customizable WVTR through coating weight adjustments
- Enhanced stability under diverse storage conditions
- Flexible packaging options without compromising quality

### Key Benefits:

Enhanced product stability and shelf life

Superior appearance and smooth film finish

Ease of application and compatibility with other functional coatings

# DRcoat® Speciality coatings

## Innovative coatings for distinctive finishes

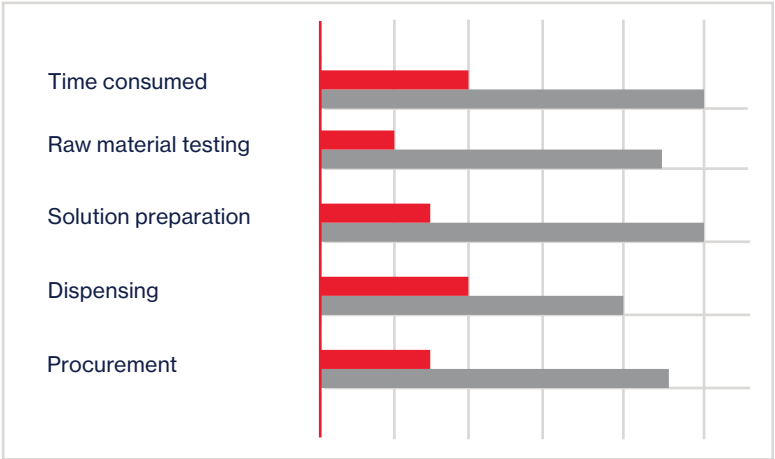
The DRcoat® Speciality line combines functional performance with aesthetic appeal, patient convenience and brand differentiation. Delivering unique visual, sensory, and functional attributes, helping products stand out while maintaining high-quality standards. They enable the creation of visually attractive, patient-friendly, and functionally reliable dosage forms.



### Speciality coating

Product	Description	Physical Form	Type of Dilutant	Reconstitution Level	Usage Level/ Weight Gain
DRcoat® PEARL	MICA based film coating system	Powder	Universal	5-12% w/w	2-2.5%
DRcoat® DUO	MICA based film coating system	Powder	Universal	5-12% w/w	2-2.5%
DRcoat® GLOW	HPMC based film coating system	Powder	Universal	5-12% w/w	1-2%
DRcoat® CLR	Transparent film coating system	Powder	Universal	5-12% w/w	2-2.5%
DRcoat® FLV	Flavoured film coating system	Powder	Universal	5-12% w/w	2-2.5%

Ready-to-use coating vs. Basic coating





# The Vikram Thermo Impact

"Vikram's advance coating technology improved patient adherence which directly translated into accelerated business growth."

- CEO of a Multinational Pharma Company.

## Impact on your business

**Regulatory confidence** by simplified documentation and compliance for approvals and exports.

**Predictable supply** ensures consistent inventory, reducing emergency sourcing and production delays.

**Faster time-to-market** by reducing formulation iterations and shortens development cycles.

**Lower risk and fewer rejects** by minimizing batch failures.

**Improved product stability** extending shelf life and reduces degradation issues.

**Higher patient acceptance** by enhancing taste-masking and appearance to improve adherence.

## How we deliver value

**R&D partnership** provides formulation trials and scale-up support in our labs.

**Technical service** offers on-site trials, process optimization, and tech transfer assistance.

**Product range** includes ready-to-use systems and custom polymer solutions.

**Regulatory pack** covers COAs, stability protocols, DMF support, and regulatory documentation.

**Reliable manufacturing** ensures EXCiPACT GMP, ISO, and HALAL certifications with consistent quality.



## Real world result



Increased manufacturing yield



Reduced rework and rejection



Increased savings on cost



Decreased development time

## How we can help you next

○ **Sample & compatibility testing:** We'll run tests & provide a detailed report.

○ **ROI projection:** Model savings from switching coatings (yield, time, rejects).

○ **Regulatory support:** Prepare complete documentation for export approvals.



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