

aquarius™ preferred film coating systems

high-solids film coating systems for immediate-release

description

To maximize the efficiency of the application process, high-solids coating formulations are desirable in order to reduce process times. Reducing the coating time increases productivity and reduces overall manufacturing costs.

Aquarius™ Preferred film coating systems are state-of-the-art immediate-release coatings, which have been scientifically formulated with careful polymer selection. Unlike some film coating formulations based on polyvinyl alcohol (PVA) these formulations do not become tacky during or after application.

Clear advantages in film coating process productivity are seen with high-solids suspensions. These formulations allow the solids content of the coating system to be increased significantly (typically up to 20% w/w solids for pigmented coatings, and in certain cases up to 25%) with viscosities in the range of 100–300 cP.

key features and benefits

- cost and energy savings
- excellent adhesion
- minimizes moisture ingress to tablets
- reduces exposure of tablet cores to stressful process conditions
- lower process temperatures for aqueous coatings
- improved tablet appearance
- increased film adhesion to difficult-to-coat tablet cores
- expanded opportunities for using continuous coating processes



specialized coating systems design to improve:

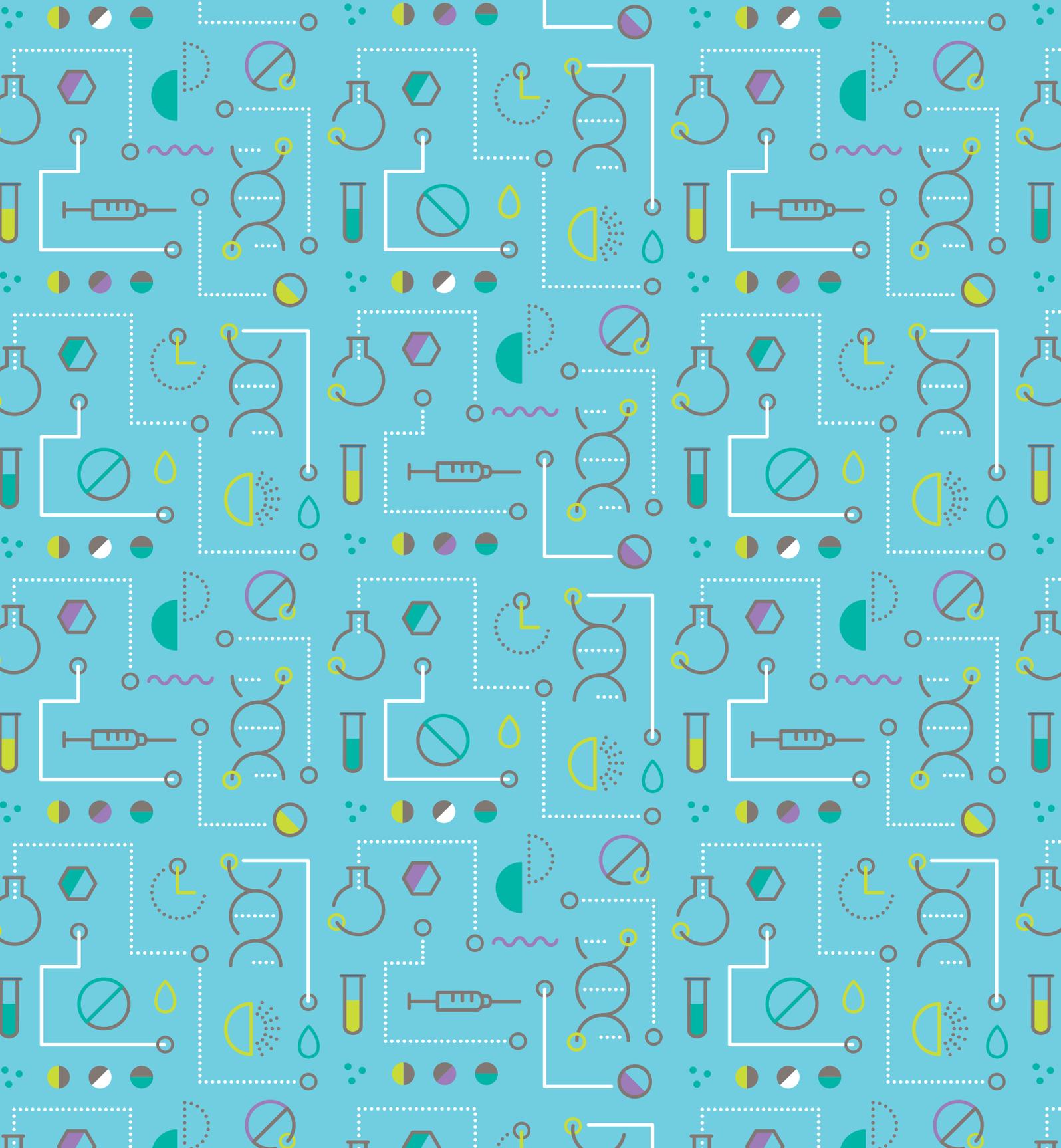
- product stability
- process economics
- product appearance
- film adhesion and smoothness

product families

Aquarius™ Preferred HSP film coating systems are ready-to-use, immediate-release coatings based on cellulosic and copovidone polymers for strong film adhesion, high tablet gloss, and smooth finish. These products can be applied at up to 25% solids which allows for shorter processing times, lower energy costs, and reduced water ingress into tablet cores.

Aquarius™ Preferred HSC film coating systems are ready-to-use, immediate-release coatings based on cellulose for optimum film strength. These products can be applied at up to 20% solids for both reduced processing times and manufacturing costs.

Both product families are available as clear, white, or pigmented formulations. They can also be custom color matched.



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