

Patented  
product

**Eco-Friendly Papermaking**

# Dryer Cylinder Surface Passivation

*Establishes a protective coating to prevent stickies and linting*



Before



After



**Maintech**

# Combined Technology of Equipment, Chemical, and Application Expertise

## Equipment

### MistRunner

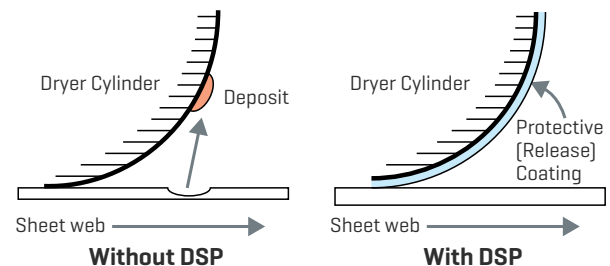
- Specially designed air curtain with over 90% spraying efficiency
- Heat-proof in dryer hood at more than 120°C / 248°F
- Double-nozzle for wide and high-speed paper machine



## Chemical

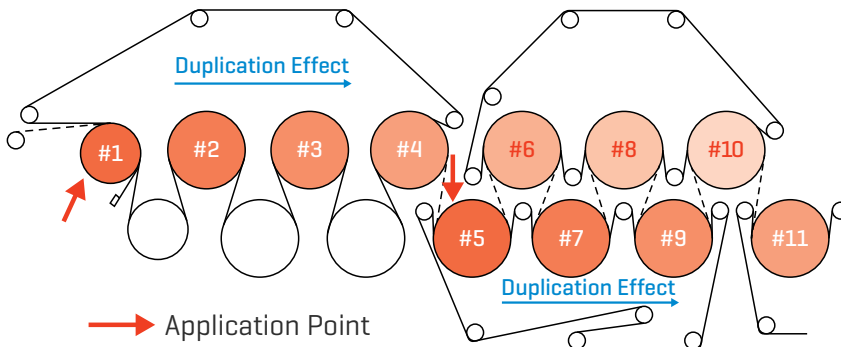
### DusClean

- Establishes a protective coating that prevents stickies buildup and linting.
- Components: vegetable, mineral, synthetic & silicone oil + wax emulsion



## Application

- Utilize MistRunners to apply passivation chemistry on each side of paper
- Establishes stickie-free and linting-free coating on cylinder surface
- Stickie and linting prevention effect extends to subsequent cylinders



## Key Benefits

- 1 Reduced sheet breaks → Increased production
- 2 Reduced cleaning work → Improved productivity = Labor saving
- 3 Improved sheet quality → Reduced end user complaints
- 4 Reduced steam consumption → Increase drying capacity
- 5 Extended doctor blade life → Cost reduction

