

# ***SUPERTHERM***



**READY-TO-USE DISPERSIONS FOR  
THERMAL PAPER**



# ***SUPERTHERM-WHAT IS IT?***



- A direct-thermal ink having high solids content, low viscosity formulation suitable for paper or plastic substrate in Ready-to-use aqueous dispersion for production of Thermal Papers

# SUPERTHERM



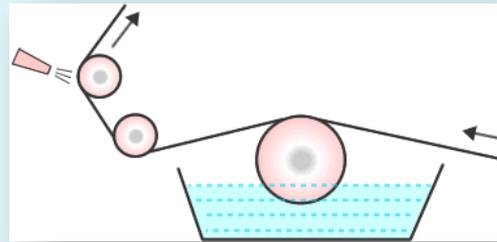
- Unique water based Dispersion
- Can be used on all OFFLINE coating machines for production of Thermal Paper
  - Solids : 46% ± 2%
  - Viscosity : 100 cps
  - PH : 7
  - Density : 1.2gms.cc
  - Appearance : Milky white

# TYPES OF APPLICATION

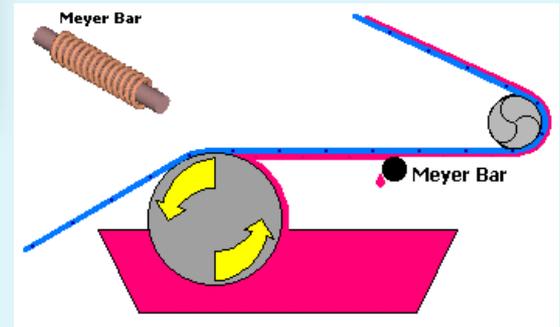


- Supertherm is ideally suitable for

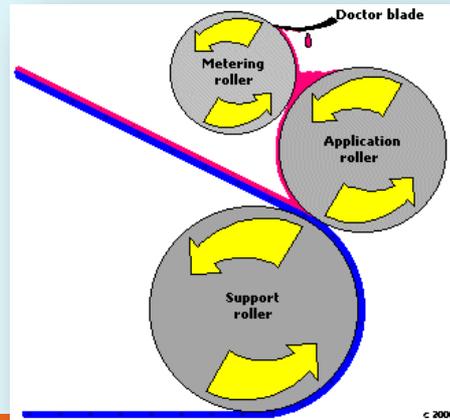
- Airknife



- Rod Coating



- Gravure



# TYPICAL APPLICATION PARAMETERS

- ATM/POS Grade:

- 6-7 GSM

- Barcode Applications:

- 8-10 GSM

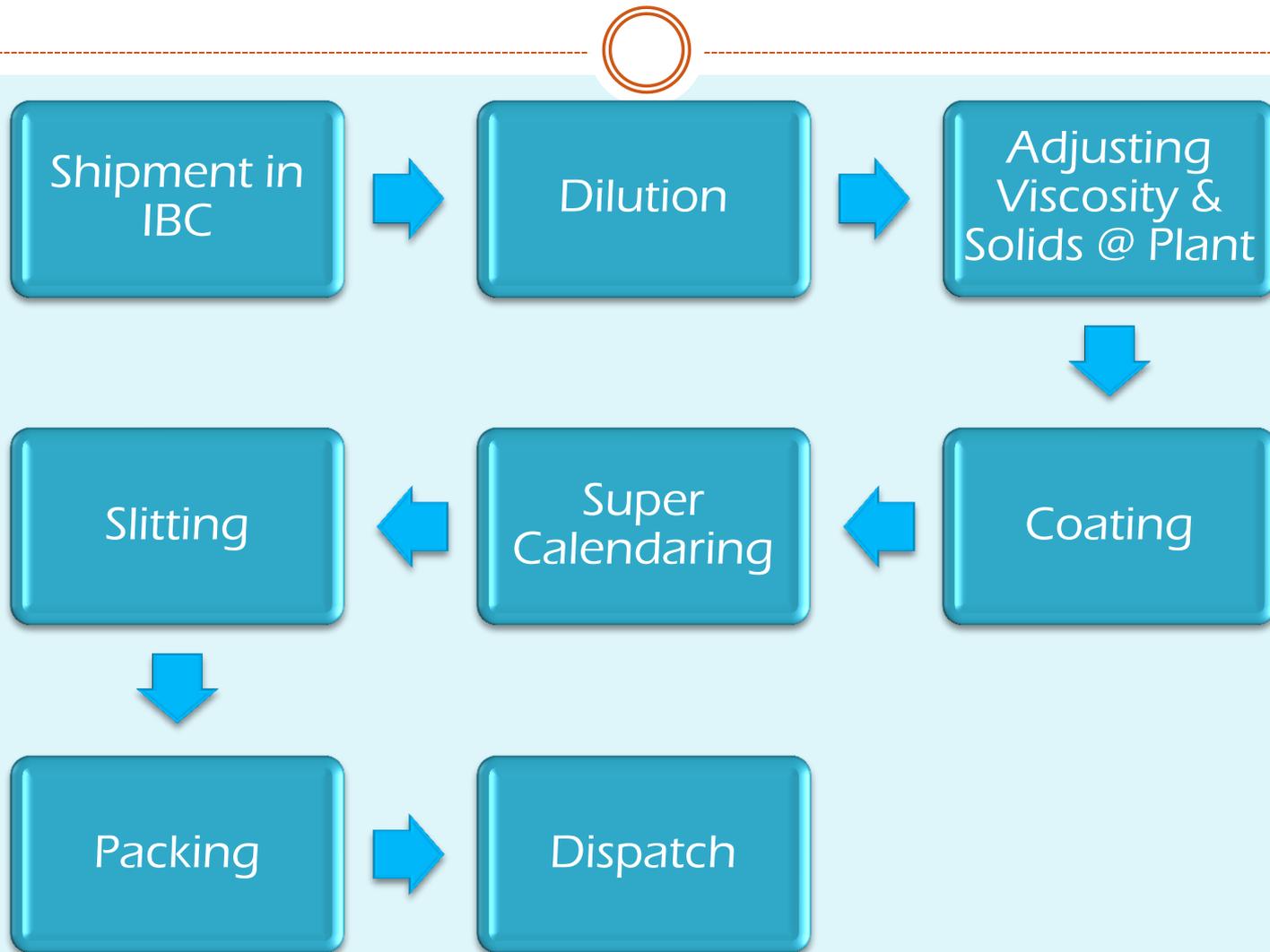


# THE SUPERTHERM ADVANTAGE



- Dispersions highly versatile and homogenous
- Suitable for all type of coating machines
- No capital investment on color-kitchen
- No Investment in technology
- Low inventory Costs
- Manufacturing can be integrated in current operations
- Full technical support for setting up thermal production line
- Minimizes Man power requirement

# THE PROCESS



# PRODUCTION BASIC REQUIREMENTS



- Coating machine – Blade/ Rod/ Air Knife.
- Slurry Mixing Tank.
- Recirculation tank
- Super Calender
- Slitting machine
- Thermal Paper Testing Equipment

# THE SUPERTHERM PACKAGE



- Support with machinery sub-contractors to design production unit.
- Supply of optimized recipes for meeting performance requirements
- Support for production start-up
- Training of Personnel
- Supply of testing procedures
- Continuous Customer Support