

SUN IS RISING.

Coating
Solutions

Coating Line for Anti-Light Reflective Coating of Solar Glass



Roller Coating Line

- Continuous horizontal coating
- Variable glass sizes and glass thickness
- Loss free coating technique
- Production capacity up to 4 million m²/year
- Excellent coating quality
- Homogeneous, uniform thickness distribution
- Low investment costs

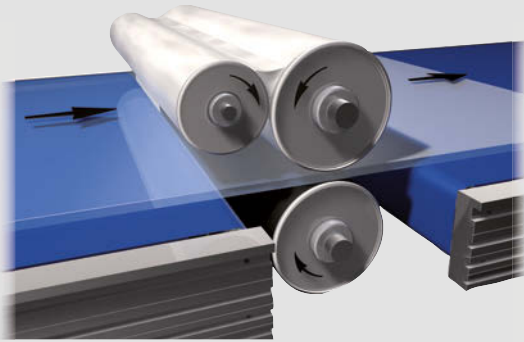
BURKLE 
PROCESS TECHNOLOGIES



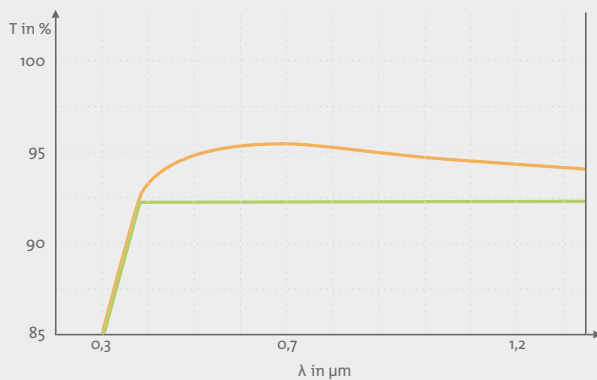
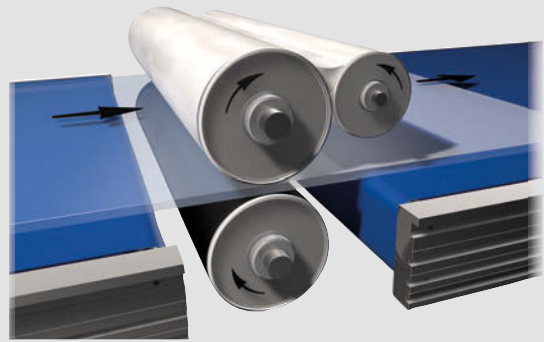
Comparison of AR-Coating Techniques

| | PVD | DIP Coating | Spray Coating | Roller Coating |
|---------------------|----------------------|----------------------|---------------------------------|---|
| Coating Quality | ++++ | +++ | + | +++ |
| Production Capacity | + | + | +++ | +++ |
| Cost | + | ++ | ++ | +++ |
| Others | Multilayers possible | Double sided coating | High cleaning effort, overspray | Double sided coating possible for solar thermal glass |

One Machine - Two possible Application Modes Simultaneous Coating



Reverse Coating



Light Transmission of Coated and Uncoated Glass Up to 3% more Light Transmission

- Anti-Reflective-Coated Glass
- Uncoated Glass

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