

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

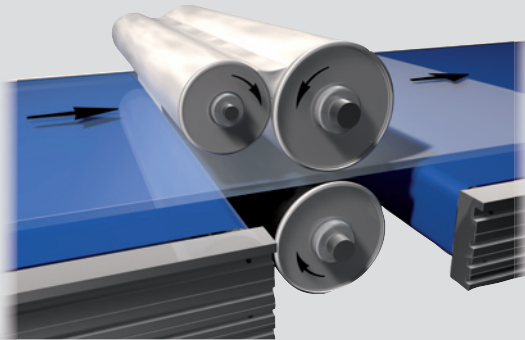
BURKLE 
PROCESS TECHNOLOGIES



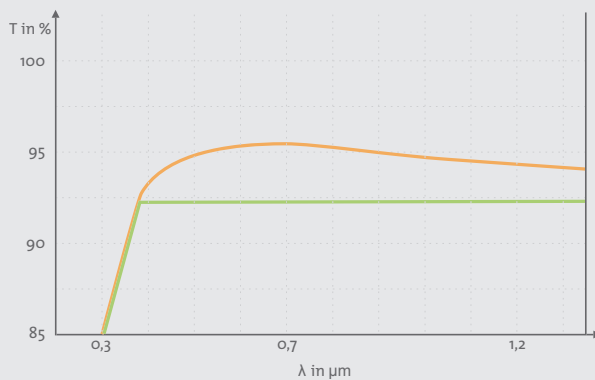
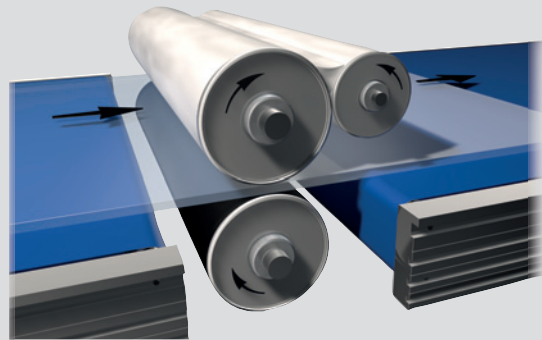
Comparison of AR-Coating Techniques

	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

Headquarters Robert Bürkle GmbH, Germany
www.buerkle-gmbh.de
buerkle@buerkle-gmbh.de

Bürkle Machinery (Shanghai) Co., Ltd., China
www.burkle-shanghai.com
buerkleasia@buerkle-gmbh.de

Bürkle North America, Inc., USA
www.burkleusa.com
buerkleusa@buerkle-gmbh.de

Bürkle Taiwan
www.buerkle-gmbh.de
buerkletaiwan@buerkle-gmbh.de