



TecnoDiamond Coatings

Hard and Mirror-Finished Surface Coatings

Rolls

Problems

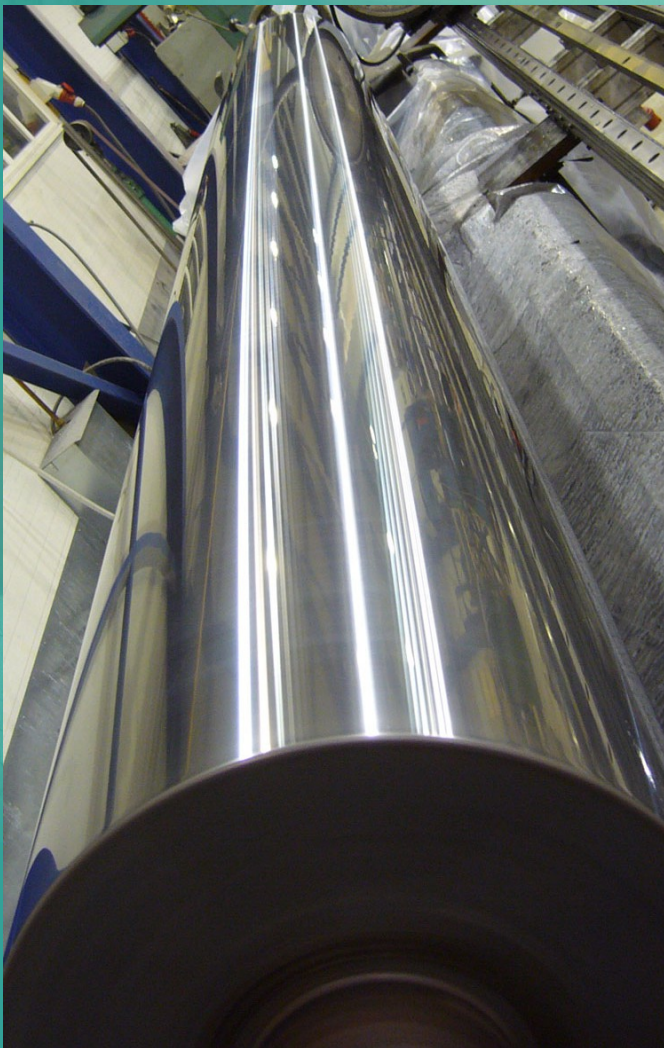
- Grinding intervals
- Corrosion
- Wear of rolls and wire
- Life time of rolls
- Vibration insensitivity

Targets

- Suction roll shells
- Pick-up rolls
- G-band rolls
- Chilled rolls
- Hard calander rolls
- Pope drums

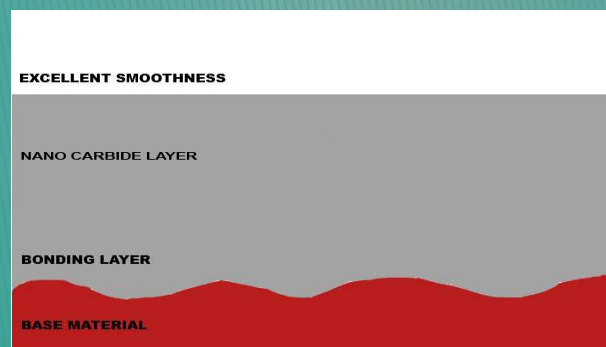
Benefits

- Longer grinding period
- Excellent smoothness after grinding
- Corrosion free
- Good wear resistance
- Grindable and possible by customer
- Excellent solution / money saving
- Saving half of the coating price by grinding "self".
- Transport cost and risk of sending rolls out etc.



Technical details

- Hardness of ready made coating 1300 ± 100 HV
- Smoothness $0.05 - 0.2$ Ra
- Thickness $100 - 250$ μ m



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