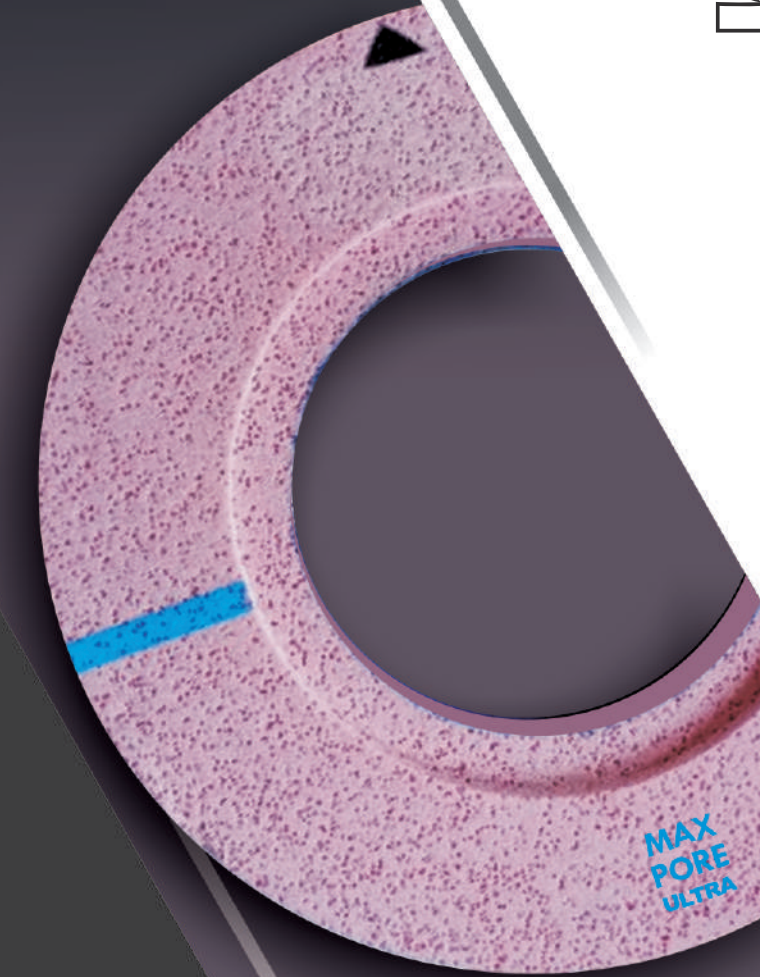




Unit 1 : Plot No. 45/46, G.I.D.C Industrial estate, Odhav Road, Ahmedabad - 382415.
Mfg. Unit : Plot No. -57,58,59 & 64, Near Umberto Ceramics,
Galteshwar Road, Village : Galesara, Taluka :- Prantij, Sabarkantha, 383205

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**MAX
PORE**

www.sterlingabrasives.com



COMPANY PROFILE

Sterling's Max Pore wheels use high performance abrasive grains and specially developed ceramic bond. It also contains special pore inducer which helps to create required porosity in the grinding wheel.

Sterling Abrasives Limited (SAL) is an ISO 9001 : 2015 certified enterprise manufacturing a wide range of grinding wheels for More Than past five decades. We are one of the leading manufacturers of Grinding wheels, making full range of Vitrified and Resin Bonded grinding wheels upto diameter 1220mm. Our quality is comparable with the best in the industry. We pride ourselves for our ability to provide :

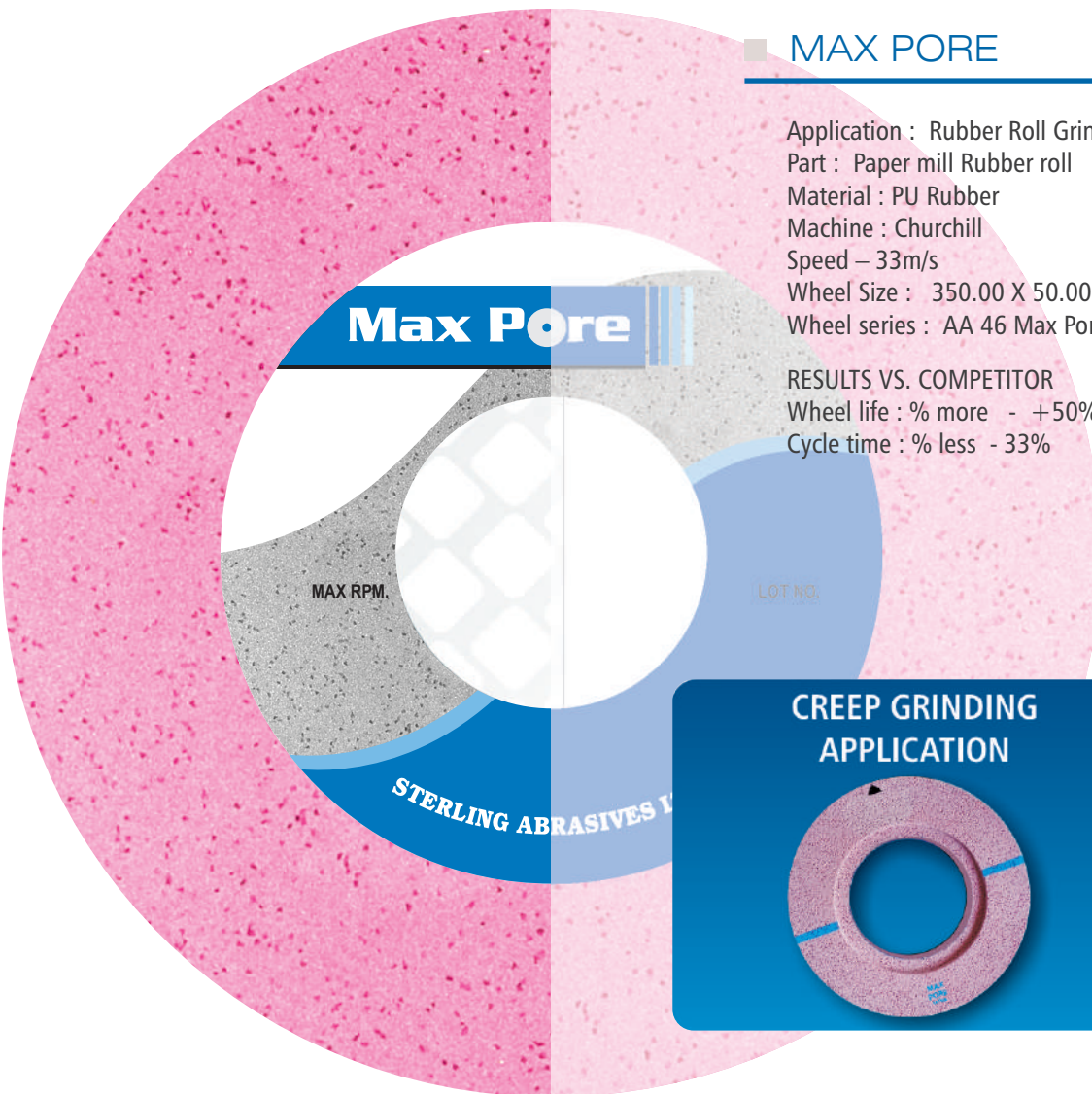
- Consistent high quality products
- On time, error-free dispatches/ shipments
- Prompt, accurate information and answers

Specialities of Max Pore

- Fast material removal rate
- Very good form hold characteristic
- Cool cutting ability
- Cycle time reduction
- Gives excellent results on hard to grind materials and large contact area
- Max Pore wheels gives very good results for Aero Space, Surface grinding, Creep feed grinding, Rubber roll grinding

Grinding wheel Description	Nomenclature	Description
Abrasive Grain	CG, MCA, FS, AA, PA	High performance aluminum oxide grains
Hardness	D,E,F,G	Very Soft
	H,I	Soft
	J,K	Medium
Structure	L,M,N	Hard
	10,12,16	Less open structure for better form retention and wheel life
	18,20,24	More open structure for faster material removal
Bond	VKM, V34, V84	Specially designed for form holding and wheel life

- **Max Pore Ultra**
- **Max Pore Supreme**



MAX PORE

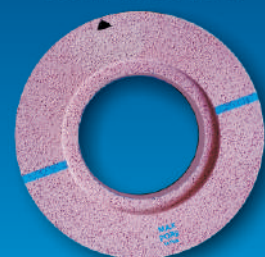
Case Studies

Application : Rubber Roll Grinding
Part : Paper mill Rubber roll
Material : PU Rubber
Machine : Churchill
Speed – 33m/s
Wheel Size : 350.00 X 50.00 X 127mm
Wheel series : AA 46 Max Pore Ultra

RESULTS VS. COMPETITOR
Wheel life : % more - +50%
Cycle time : % less - 33%



CREEP GRINDING APPLICATION

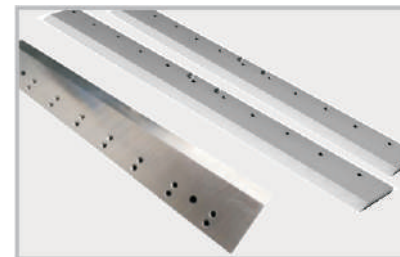


AEROSPACE GRINDING APPLICATION



Application : Knife Grinding Operation
Part : Thin industrial knives
Material : D2
Machine : Proth -Taiwan
Speed – 33m/s
Wheel Size : 350.00 X 40.00 X 127mm
Wheel series : PAA 36/46 Max Pore Supreme

RESULTS VS. COMPETITOR
Wheel life : % more +50%
Cycle time : % less - 25%



SURFACE GRINDING APPLICATION



RUBBER ROLL GRINDING APPLICATION

