



ISO 9001 : 2015
CERTIFIED COMPANY

MACWELL SEAL

Mfg. of Mechanical Seals & Components

www.macwellseal.in



- MECHANICAL SHAFT SEALS
- AGITATOR SEALS
- REACTOR SEALS
- RUBBER PRODUCTS



- FERTILIZERS
- REFINERIES
- PETROCHEMICALS
- FOOD & PHARMA
- POWER GENERATION



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Unit No: 3, Qureshi Compound, Near New Ruby Hospital,
Behind Himaliya Hotel, Ajit Glass S.V Road, Jogeshwari (W),
Mumbai-400102

Tel. : +91-9029615081
 +91-9167965797
Email : macwellseal@gmail.com
Web : www.macwellseal.in
Key Person : Mr. Asfak Choudhary

COMPANY PROFILE

Macwell Seal found in 2012 as design and manufactures of Mechanical Seals and associated products for pump, chemicals, Petrochemicals, Refinery, and more

PRODUCT RANGE

We have the wide range of products in mechanical seals included Unbalanced as well as Balanced version for Pumps, Compressors, Blowers, Reactor Vessels, Agitators, etc. We cater to the requirement of Chemical, Pharmaceuticals, Refinery and Petrochemical, Gas, Oil Industries, Textile Industries, Dairies, Shipping Marine, Sugar Industries, Waste Water, Textile Machinery, Oil, Gas & Virtually all those Industries Where rotating equipment are used.

COMMITMENT

- Total Customer satisfaction by Quality
- Technical support
- Delivery on Time

SERVICES

Round the clock and all over India, Our staff is available to resolve customer's problems. Our engineers have great Experience and technical knowledge of mechanical seals, support system and rotating equipments, which enable them To quickly point out the root cause accurately.

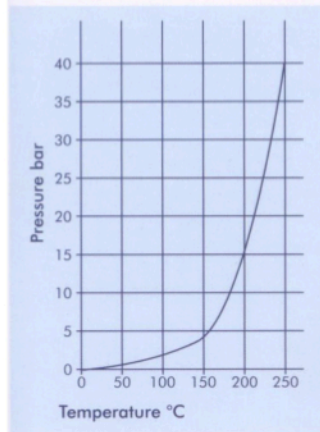
PERFORMANCE

Based on over customers feedback we are able to design customise & manufacture mechanical seals which performed equally well to the other expensive mechanical seals brand.



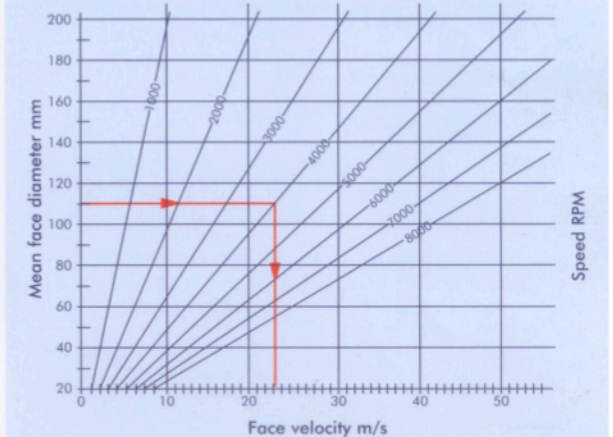
Material Description	Minimum Temperature Limits	Maximum Temperature Limits	Material	Compressive Strength N/mm ²	Density N/mm ³	Hardness
Fluoroelastomer	0°F/-18°C	400°F/204°C	Carbon, Resin Impregnated	250	1.83	100*
Ethylene Propylene (EPDM)	-40°F/-40°C	300°F/149°C	Carbon, Antimony Impregnated	350	2.15	115*
Neoprene	-40°F/-40°C	300°F/140°C	Tungsten Carbide	4750	15	1500*
Nitrile Butadiene (Buna N)	-40°F/-40°C	300°F/125°C	Silicon Carbide	2750	3.1	2400*
Kalrez 1050LF	240°F/-7°C	550°F/288°C	Alumina Oxide	2620	3.9	* 1800**
PTFE	-100°F/-7°C	450°F/232°C				
Flexible Graphite	-320°F/-196°C	800°F/427°C				
Chemraz	-20°F/-29°C	450°F/310°C				

WATER / STEAM PRESSURE CURVE

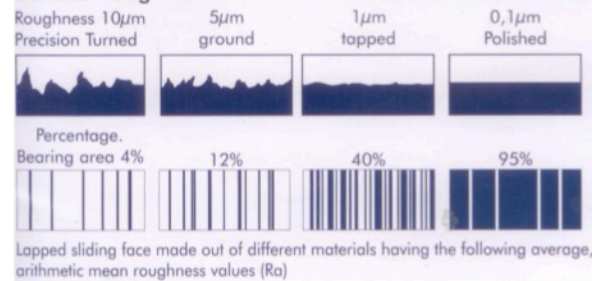


FACE VELOCITY

Example from Data :
 Mean Face Diameter : 110mm
 Speed : 4000 RPM
 Face Velocity : 23 m/sec. (4600 FPM)



Surface Roughness



Tungsten Carbide	0.01µmm
Silicon Carbide	0.04µmm
Carbon Graphite	0.10µmm
Aluminium Oxide	0.15µmm