

# Silicon Carbide lined products

Our recrystallized SiC products have high purity, while our reaction bonded and sintered silicon carbide balls have high mechanical strength. Our silicon carbide tubes possess good wearability, a low thermal expansion coefficient, extreme corrosion resistance, high hardness and self-lubricating properties.







Silicon carbide (SiC) ceramics have a set of unique physical-chemical properties, such as high hardness and mechanical stability at high temperatures, excellent thermal conductivity and low coefficient of thermal expansion, high resistance to corrosion and oxidation, wide bandgap, and others.

- High hardness (second only to diamond)
- Low density 40% the density of steel – approximately the same as aluminium
- Low porosity
- Good wear resistance in sliding and abrasive environments
- Excellent corrosion resistance in most chemical environments
- Low thermal expansion and high thermal conductivity leading to excellent thermal shock resistance.



# List of Core values

Professional, Reliable, Efficient

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Collect steel pipes and fittings

