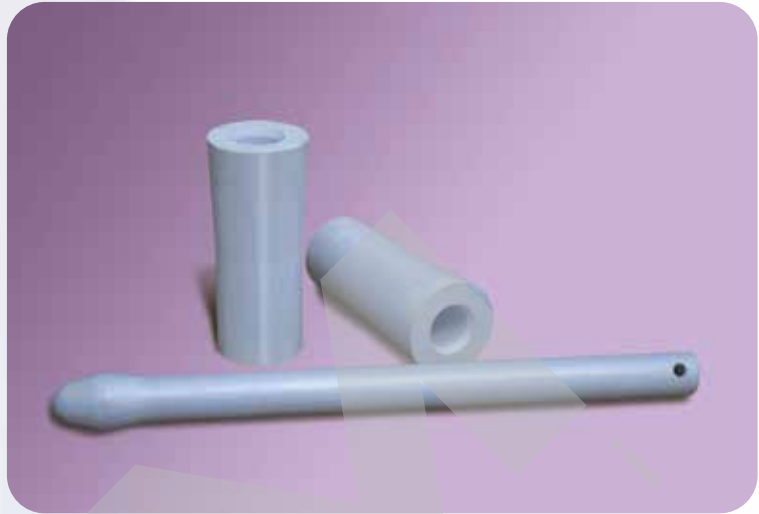


Control Pins and Spouts

FuSiO₂N™ SA, from RMG, is the ideal material for control pins and spouts for rolling ingot and billet casting operations. It's extremely fine-grained, sintered composition of high purity fused silica provides both outstanding wear properties and excellent thermal shock resistance. Special non-wetting properties plus a factory coating of BN, prevent metal sticking and attack by aluminium and other molten metals.

The lower thermal mass and conductivity minimize the chance of freeze-ups during start or at low metal flow rates. RMG's special FuSiO₂N™ SA process allows to offer this outstanding performance at a very reasonable cost.



Properties	Benefits
Low coefficient of thermal expansion	Excellent thermal shock resistance and dimensional stability.
Low thermal mass and conductivity	Thermal insulation, minimizes temperature loss.
Chemical inertness	Long life, corrosion resistance.
High hardness	Long life, wear resistance.
Unique cast technology	Cost-effective, complex shape capability.
Fine-grain structure	High strength.