



MP-3000 Instruction Sheet

Description:

MP-3000 is a refractory mastic gasket material that has several uses in the continuous molten metal casting industry including, dummy bar packing, sealing molds to floors, anti-splash guard on SENs, and many more. As the joint is coupled, **MP-3000** will flow to seal off rough or irregular surfaces, and then will expand up to 20% as heat is applied.

Superior to Ceramic Vee Board:

MP-3000 is superior to Vee board for several reasons:

- No need for exact measurements on cutting packing for dummy bars. **MP-3000** is supplied in spools or cut to length segments and will smash together at the overlap joint to give you 100% solid coverage. Mold packing time is cut in half with **MP-3000** and is much simpler to accomplish.
- Will not contaminate zones or water filtration systems. **MP-3000** disintegrates to dust after the dummy bar moves out of the mold. There are no long fibrous strands that will hang in the zones or clog filters.

MP-3000 is available in a non-RCF formulation for environmental purposes, as well as an extended shelf life blend.

MP-3000 is not classified as a hazardous material and is able to be shipped by any means worldwide.

Tech Data:

Binder: Organic, causes up to 20% sealant expansion

Specific Gravity: 1.60 (at 72°F)

Max Temperature: to 1600°C

Analysis:

Al ₂ O ₃ *:	31%
SiO ₂ *:	55%
CaCO ₃ :	7.7%
Trace:	6.3%

Shelf Life: 6 months. 1 yr shelf life special blend available.

Packaging: 1/4 inch to 2+ inches in diameter - in 5 lb spools or custom length strands in boxes

*Typical analysis is based on calculations from raw material data sheets and is adjusted for LOI in the cured state

See MSDS information for precautions