

AMERI-MICA® ASP-710M "High Temp"

HI-temp Gaskets

GENERAL DESCRIPTION: Ameri-mica® "Hi-Temp" is a material containing high percentage of phlogopite mica paper impregnated with a silicone binder. Mica, an aluminosilicate of mineral origin, has a lamellar and nonfibrous structure representing a satisfactory alternative to asbestos. This material gives "High Temp" its thermal characteristics -weight loss at 800°C (1472 °F) less than 5 % - and its chemical resistance to solvents, acids, bases and mineral oils.

Ameri-mica® Hi-Temp ensures the sealing in applications wheretemperatures up to 1000°C (1832°F) can be reached. Gaskets made of Hi-temp are used in automobile exhaust manifolds, gas turbines, gas and oil burners, heat exchangers, and in other flange connections. It is also used as filler for spiral wound gaskets and as a material for camprofile seals.

SIZE SHEETS:

ASP-710M Sheets of 1000 x 1200 and 2400 mm (39.37" x 47.24" and 94.49") or strips. Thickness: 0,1 - 3 m (0.004" -0.125")

Other dimensions on request.

STORAGE: 6 years at 20°C

CHARACTERISTICS:

Mica content %	>90	Binder content %	<10
Weight loss %	<5	Compressibility %	15-35
Elastic recovery %	30-45	Creep relaxation 7252 psi - 572°F	5.8 DIN 52913
Temperature range			
Continuous Service	1832°F	Intermttent Service	2012°F
Maximum Pressure:	72.5°F		

Data are average results of laboratory costs conducted under standard procedures and are subjects to variation. These do not constitute a warranty or representation for which we assume legal responsibility/

