

equalseal.com PO Box #13665 Fairlawn OH 44334 Phone: (330) 984-0747 Fax: (330) 752-4119

Flexitallic Sigma 511

Flexatallic Sigma 511 has standard compressibility. It is good for use in applications with strong acids (except hydrofluoric) to general chemicals. This material can also be used for all concentrations of sulfuric acid. It is not suited for molten alkali metals, fluorine gas or hydrogen fluoride. The Sigma 511 is WRAS approved for hot and cold potable water services. Biaxially-oriented PTFE containing silica, and fawn in color.

MA au SIGMA	au SiGM
dhe Tanitallic	Tanitalina on Stana
А 811 S†GMA 8	ST SIGMUTA SIGMA
Taxitallic	Texitalina SIGMA
511 SIGMA 51	, Stamma Stama
Taxitallic	Texitalina on Stama
SIGMA III	SIGMA III SIGNA
Taninellin	Thattallic That antullic
SIGMA 511 . Thenhullic	Stama on Standa
	STANIALLIC STANDA
Thenitallic	Maxitallic Maxin milallic
GMA 611 S	GMA 511 STGNMA
mitallic	Thexitallic Thexit
MA 511 S	Hexitallic
Hallic	
NA 511 S	lic.
Alic	Tlexitallic.
	511 SIGMA 511 San
A 511 3	the.
62	Slexitallic.
	511 SIGMA 511 St.
2	lic.
	GMA SIGMA
511 🚽	ight 211 Signer

Flexitallic Sigma 511	Physical Properties
Color	Fawn
Composition	Biaxially-oriented PTFE containing silic
Pressure	1235 psi
Service Temperature Maximum	500 ° F
Tensile Strength Cross Grain	2175 psi
Tensile Strength With Grain	2230 psi
Max Compressive Stress (DIN 28090-1)	228 N/mm2
Compression Value Cold (DIN 28090-2)	1.8 %
Recovery Cold (DIN 28090-2)	0.9 %
Recovery Warm at 150 C (DIN 28090-2)	3 %
Setting Value Warm at 150 C (DIN 28090-2)	8.7 %
Initial Stress Minimum (DIN 28090-1)	8 N/mm2
Max Compressive Stress at 200 C (DIN 28090-1)	100 N/mm2
Dielectric Strength	17.7 kv/mm
ASTM F104 Callout	F452110E11M6