

ARAFLEX 4530 GRAPHITE PTFE (BLACK)

High performance Graphite filled PTFE gasket for Conc. HF



Applications:

Recommended usages	Advantages
Concentrated Hydrofluoric Acid (HF)	Low emissions
Anhydrous Hydrogen Fluoride (AHF)	Excellent sealability
Cryogenics	No cold Flows
Monomers & refrigerants	Flexible
Steam, Oils, Caustics, Alcohols, Liquid & Gaseous Oxygen	Anti-sticking
Toxic gases	Easy cutting
Resistant to Flame and Bacterial Growth	Electrical conducting

Pressure (bar/psi)	85/1200
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Physical Properties	
Specific Gravity ASTM D 792	2.1g/cm ³
Compressibility ASTM F36	5-12%
Recovery ASTM F36	40%
Tensile Strength ASTM F152	20Mpa
Creep Relaxation ASTM F38	30%
pH Range	0-14
Dielectric Strength D149	1Kv/mm33 v/mil

Gasket Factors	
m value (1/16" Thk)	2.8
y value (1/16" Thk)	1800 psi (12Mpa)
m value (1/8" Thk)	2.0
y value (1/8" Thk)	1800 psi (12Mpa)

