

GRAPHITE FOIL – SS316 INSERT

DATASHEET

DESCRIPTION

- ✚ GRAPHITE FOIL– SS 316 INSERT SHEET IS ROLLING PRESSED OR DIE-PRESSED BY HIGH PURE EXPANDED GRAPHITE SHEET, AND INNER LINED BY FLAT SS 316 SHEET INSERTION. NORMAL INNER LINED MATERIAL IS 0.1 ~ 0.127 MM THICKNESS, MORE THAN 98% GRAPHITE CONTENT, AND 1.0 G/CM GRAPHITE LAYER DENSITY

PRODUCT APPLICATION

- ✚ CAN BE CUT INTO GASKET WITH KINDS OF SHAPES, WIDELY USED IN CONTAINER, BOILER, PIPELINE, PUMP, VALVE, AND FLANGE FOR PETROCHEMICAL AND MINING, ETC.

SERVICE RANGE

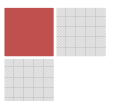
- ✚ TEMPERATURE : -100 - 650°C
- ✚ PRESSURE : 200 - 250 BAR
- ✚ PH VALUE : 0 – 14

MAIN CHARACTERISTICS

- ✚ UNDER THE TEMPERATURE SEVERE ALTERNATING CONDITIONS. IT WILL NOT CHANGE OBVIOUSLY. AND CAN LONG-TERM KEEP GOOD COMPRESSIBILITY AND RECOVERY, NO AGING, AND DOES NOT BECOME BRITTLE

RECOMMEND MEDIA :

- ✚ STEAM, MINERAL OIL, TRANSFORMER OIL, HYDRAULIC OIL, FUEL, WATER, AND SEA WATER, ETC



COMPONENT ANALYSIS TABLE

ITEM	UNIT	STANDARD VALUE	
THICKNESS	MM	1.0-2.0	±0.15
		> 0.2	±0.2
DENSITY	G/CM3	1.0 ~ 1.7	
ASH CONTENT	%	≤ 2.0	
CARBON CONTENT	%	≥ 99	
SULPHUROUS CONTENT	PPM	≤ 1200	
CHLORIDE CONTENT	PPM	≤ 80	
COMPRESSIBILITY	%	35 – 55	
RECOVERY	%	≥ 10	
APPERANCE	SURFACE SHOULD BE BRIGHT AND CLEAN DON'T ALLOW ANY IMPURITY AND SCAR		

