



SEALING R US CO., LTD.

SPECIFICATION SHEET

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 : 100 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

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444/34 Saimai Road, Saimai, Saimai Bangkok
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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 | | |

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