

AVAILABLE GASKET MATERIALS

METAL WINDING STRIP

AS STANDARD

Stainless Steel 304
type 316L

OTHERS

Stainless Steel
type 304L
309
310
316Ti
317L
321
347
430
17-7PH

ALLOY 20

MONEL®

TITANIUM®

NICKEL® 200

INCONEL® 600

625

X-750

HASTELLOY® B2

C276

INCOLOY® 800

825

DUPLEX

ZIRCONIUM®

TANTALUM®

COPPER

PHOS-BRONZE

CARBON STEEL

FILLER MATERIAL

Flexicarb® flexible graphite

Thermiculite™ 835

Thermiculite™ 735

Flexite Super®

PTFE

Mica

Ceramic

Non-sintered PTFE

Thermiculite, FLEXITALLIC'S new high-temperature, sealing material is comprised of chemically exfoliated and thermally exfoliated vermiculite.

This revolutionary new product simulates the structure of exfoliated graphite but with one notable exception... gaskets made with Thermiculite maintain their integrity, even at extreme temperatures.

Thermiculite is thermally stable, ensuring against thermal oxidation, at temperatures in excess of 1800°F (Thermiculite™ 835).

GUIDE RING MATERIAL

AS STANDARD

Carbon Steel

OTHERS

Stainless Steel
type 304
304L
316
316L
316Ti
310
321
347
410
INCONEL® 600
625

MONEL®

TITANIUM®

NICKEL

INCOLOY® 800

ALLOY 20

INCOLOY® 825

HASTELLOY® B-2

C276

NOTE

Selected materials should be compatible with operating temperature and chemicals. If in doubt, contact Flexitallic Technical Department.

PTFE:

If PTFE is subjected to temperatures above 250°C (500°F) decomposition starts to occur slowly, increasing rapidly above 400°C (750°F). Care should be taken to avoid inhaling the resultant fumes, which may produce hazardous effects.

IDENTIFICATION REQUIREMENTS

