

# 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

