OCELL RINGS

OC-FP-01 · ELASTOMERS

SHEETS, STRIPS AND PLATES

Elastomer sheets, strips and graphite plates



KEY FIGURES	Plates · sheets · strips	Graphite > 99 %	Up to 550 °C · 250 bar

OVERVIEW

DEFINITION

Elastomer sheets, strips and plates for cutting gaskets or protecting surfaces, and graphite plates for severe conditions.

High-purity expanded graphite (> 99 %) is intended for steam and thermal oil service, with temperatures up to 550 °C and pressures up to 250 bar. A stainless steel insert (1.4404 / 316L) is added to increase the mechanical stability of the gasket material and to make handling easier.



GRAPHITE PLATE, STAINLESS INSERT

SPECIFICATIONS

SUMMARY

Formats	Sheets · strips · plates
Graphite — purity	> 99 % (expanded)
Graphite — temperature	Up to 550 °C
Graphite — pressure	Up to 250 bar
Graphite — insert	Stainless steel 1.4404 / 316L
Graphite — variants	Flat stainless insert · acid-resistant inner metal layer (AISI 316L) · impregnation to reduce leak rate · optional XP coating · pre-compressed without metal insert

MATERIALS

MATERIAL

SBR · EPDM · NBR · Viton · Silicone · Graphite

ENQUIRY

SERVICE

- Technical advice on material, size and housing.
- Quotation within 24 hours.
- A reference, drawing or photo of the worn part is enough.

APPLICATIONS

- **Cutting flat gaskets**
- **Surface and flange protection**
- **Steam and thermal oil**
- **Highly aggressive fluids (pre-compressed graphite)**

INDUSTRIES SERVED

SECTORS

Metallurgy · Marine / nautical · Food processing · Chemical · Automotive · Petrochemical · Printing · Cement works · Agriculture · Pharmaceutical