



EPDM flat gasket

Product code: **OK04** · EPDM · FxG threaded joints

1. PRODUCT IDENTIFICATION

Product name	EPDM flat gasket
Product code	OK04
Product type	Flat gasket for threaded joints
Material	EPDM (ethylene propylene diene monomer)
Colour	Black

2. PRODUCT DESCRIPTION

The EPDM flat gasket is a dedicated sealing element for threaded connections of the TAVINOX PRESS system with a flat seal. It is used with union fittings such as the OB12FG union elbows and the SR10FG union connectors. The gasket provides reliable leak-tightness of the threaded joint in water and heating applications and in fire protection systems.

3. AREAS OF APPLICATION

- threaded connections with a flat seal
- FxG fittings
- drinking water pipework
- cold and hot water pipework
- heating systems
- technical pipework
- fire protection and sprinkler systems

4. MATERIAL PROPERTIES

- very good resistance to water (cold and hot)
- good resistance to steam
- high resistance to ageing
- very good resistance to ozone and UV radiation
- good resistance to alkalis and cleaning agents
- suitable for building services and fire protection applications

5. TEMPERATURE RANGE

Long-term operating range: **–55 °C to +120 °C**

Operating conditions must always be assessed in relation to the medium, the pressure and the design of the joint.

6. INTENDED DESIGN USE

The gasket is intended solely for threaded joints with a flat seal and for TAVINOX PRESS systems with an FxG connection. It is not a seal for pressed joints.

7. CERTIFICATION AND STANDARDS

DVGW	ITC	PAVUS	ÖVGW	ACS	WRAS	EPD	ISO
CCZ							

8. UNSUITABLE USE

- applications with mineral oils and fuels
- use outside the chemical compatibility of the medium
- pressed joints (PRESS system)
- extreme operating conditions outside the recommended range

9. TECHNICAL SPECIFICATION

PARAMETER	VALUE
Product code	OK04
Product type	Flat gasket
Material	EPDM
Colour	Black
Connection type	FxG
Long-term temperature range	–55 °C to +120 °C
Use for drinking water	Yes
Use in fire sprinkler systems	Yes
Resistance to mineral oils	No
Leak Detect	No

10. FUNCTIONAL NOTE

The flat gasket does not feature the Leak Detect function, because it is not part of a pressed joint, requires no indication of an unpressed joint, and leak-tightness is achieved by tightening the threaded connection.

11. IMPORTANT NOTICE

Correct function of the gasket depends on proper tightening of the joint, the quality of the threaded connection and the operating conditions (pressure, temperature, medium). Use outside the recommended conditions may reduce leak-tightness or service life.

The technical data in this document is for information only and is based on the available material and laboratory data. The manufacturer reserves the right to make technical changes without prior notice.