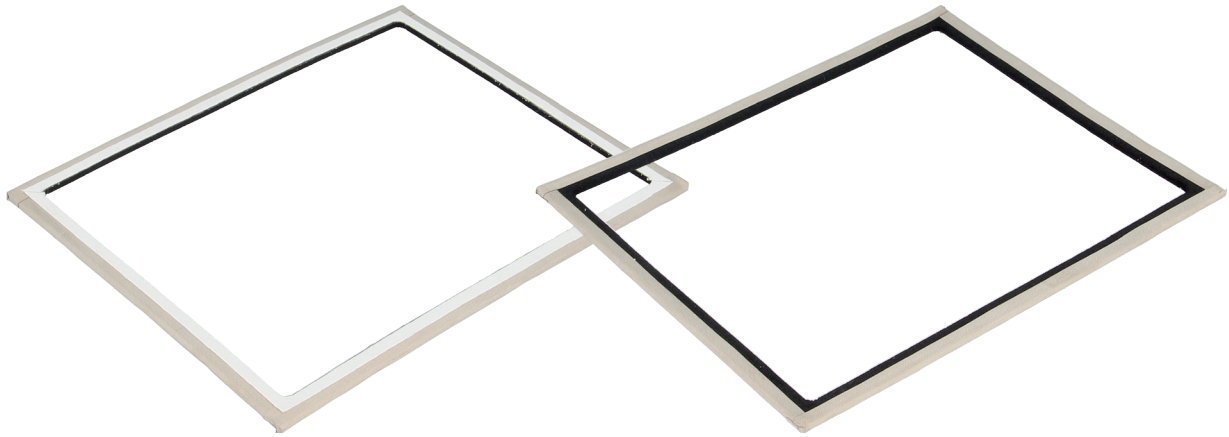# ENDLESS GASKET (EMC/IP) 8000

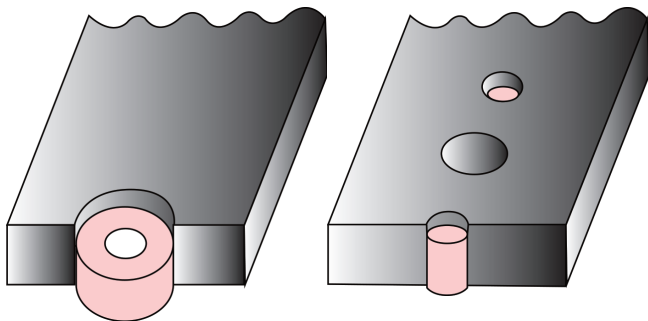**Combined EMI-shielding and water-seal gasket for grooves and door/lid constructions**

The 8000 series Endless gaskets are ready-made gaskets according to customer specifications. They are suitable for many applications in which both an EMI-shielding gasket and a water seal are required.

The 8000 series Endless gasket consists of a rectangular EMI gasket like Amucor shield 6800 series, Standard shield 7000 series or Ultra soft shield 7400 series, combined with a closed-cell water seal.

All gaskets can be provided with a self-adhesive strip for easy mounting. Gasket materials for the 8000 series Endless gaskets are watertight at 30% compression, depending on the construction.

COMPRESSION STOPS (OPTIONAL)

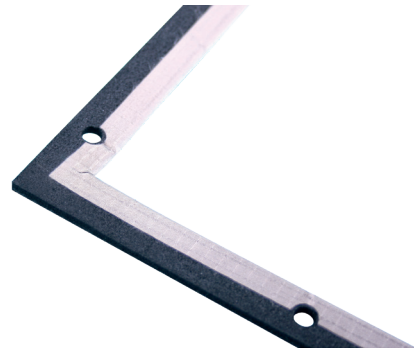Disc or washer-type compression stops can be included to prevent over-compression.

Washer type
Used at bolt holes

Disk type
Used next to bolt holes

IP SEAL POSITION

The gasket can be supplied with the water sealing/IP seal on the outside of the gasket (IP seal position O), or with the water seal at the inner side of the gasket (IP seal position I).

OPTIONS

- UL94V-0 flame-retardant foam core
- Chemical-resistant rubbers like EPDM
- Silicone sponge for high temperatures up to 220 °C
- Available in conductive textile, Amucor or Knitted wire mesh versions

BENEFITS

- Easy mounting
- High shielding performance
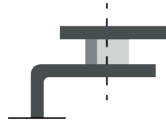- No tools required
- Dimensions up to 2 x 2 m

» ENDLESS GASKET (EMC/IP) 8000

VARIOUS USES

Examples of different uses for the Endless gasket
(The solid Gray part is the water seal)

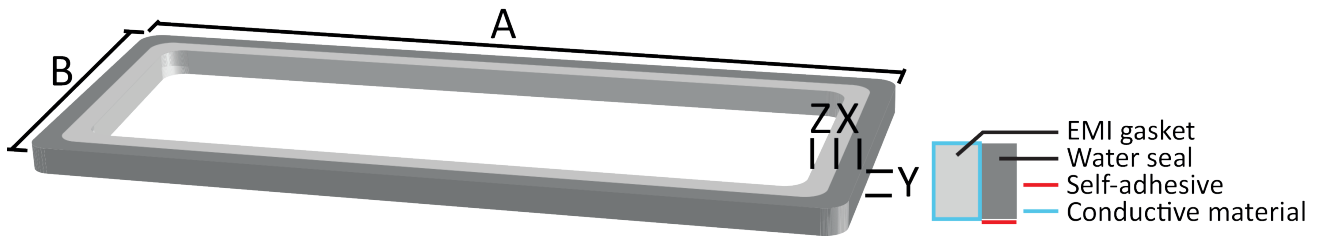| 1. Endless gasket used in a flat lid on a curved housing construction	2. Endless gasket used in a curved lid on a curved housing construction	3. Endless gasket used in a groove

TECHNICAL DRAWING STANDARDS

EMI gasket
Water seal
Self-adhesive
Conductive material

If you send us a drawing, please include the dimensions shown above.

ORDER EXAMPLE

Part number	Gasket width (mm) A	Gasket length (mm) B	Material (EMI gasket core)	Material (waterseal)	Adhesive
8000 : Endless gasket Amucor version **8001 :** Endless gasket Conductive textile version **8002 :** Endless gasket Knitted wire mesh version	Specify the width of the gasket in mm	Specify the length of the gasket in mm	**N :** Neoprene **P :** Low closure force PVC foam **E :** EPDM **F :** Flame retardant UL94V-0 foam **S :** Silicone foam **L :** Polyurethane foam (ultra soft)	**N :** Neoprene **S :** Silicone	**01 :** Standard self-adhesive **02 :** Without self-adhesive **03 :** With conductive self-adhesive

IP seal position	Width of waterseal (mm) Z	Width of EMI gasket (mm) X	Frame thick-ness(mm) Y
I : Inside gasket **O :** Outside gasket	Specify the width of the waterseal in mm	Specify the width of the EMI gasket in mm	Specify the thickness of the frame in mm

Technical Data Sheet

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