



DATENBLATT / SOFTFLUOR[®]

SF-MA

Material properties:

SOFTFLUOR[®] MA is a non-asbestos gasket material made from pure, expanded, virgin PTFE. The whole production process is subject to strict quality control.

Please note: the color of the actual product might vary from the image on this datasheet.

Application areas:

Because of the excellent thermal and chemical resistance of **SOFTFLUOR[®] MA**, it can be used in a wide variety of static applications in nearly all kinds of the industry. The exceptional malleability of expanded PTFE can compensate for out-of-parallel and/or damaged sealing surfaces and allows use with stress sensitive connections and applications where only a limited flange load is available, e.g. plastic flanges, glass flanges, etc. Typical applications are the sealing of flanges, pump housings, compressors, hand- and manholes, air ducts, compensators, heat exchangers and many more.

Technical data:

- Temperature range: - 240°C up to +260°C, for short periods up to +310°C
- Chemical resistance: resistant against all chemicals from pH 0 -14 - except molten alkali metals and elemental fluorine at high temperature and pressure
- Pressure resistance: vacuum up to 200 bar
- Density: 0,65 g/cm³, +/- 0,1g/cm³ (for rectangular cross sections only)
- Aging resistance: **SOFTFLUOR[®] MA** does not age (please note: adhesive tape has limited shelf life!) and is UV-resistant
- Colour: white
- Others: **SOFTFLUOR[®] MA** is physiologically harmless. It has no smell or taste. It is neither contaminating nor toxic. It complies with the FDA 21 CFR 177.1550 Perfluorcarbon Regulations.

Tests & Approvals according to SOFTFLUOR[®] Type:

- DVGW
- WRC
- BOC
- FDA (incl. adhesive backing)
- EU 1935/2004

