

## TEADIT 24 G-Lon

### Material composition:

**TEADIT G-Lon** is a non-asbestos joint sealant material made from PTFE and an electrically conductive filler material. The whole production process is subject to strict quality control, registered under DIN EN ISO 9001.

Please note: the colour of the actual product might vary from the above image on this data-sheet.

### Properties:

Because of the excellent thermal and chemical resistance of **G-Lon**, 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 the use with stress sensitive connections and applications where only a limited flange load is available. An additional advantage is the excellent electrical conductivity of **G-Lon**, conventional expanded PTFE-tapes – made from pure PTFE – are not conductive.

### Application areas:

Typical applications are the sealing of flanges and similar connections, and where an electrically conductive joint sealant material is essential.

### Technical data:

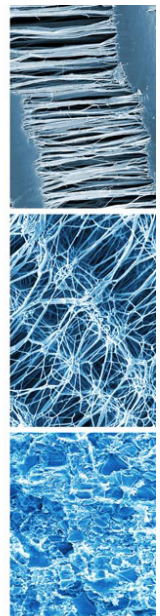
- Temperature range: - 240°C up to +260°C, for short periods up to +310°C
- Chemical resistance: resistant against all chemicals from pH 0-14 - except molten alkali metals and elemental fluorine at high temperature and pressure
- Pressure resistance: vacuum up to 200 bar
- Density: 0,70 g/cm<sup>3</sup>, +/- 0,1g/cm<sup>3</sup>
- Volume resistivity: 108 Ω cm
- Aging resistance: **TEADIT G-Lon** does not age (please note: adhesive tape has limited shelf life!)
- Colour: black
- Others: **TEADIT G-Lon** is physiologically harmless. It has no smell or taste. It is neither contaminating nor toxic.



### Advantages:

- Quick and simple installation: adhesive strip makes installation easier
- Reduced down time: immediately available, no cutting or punching of gasket necessary
- Excellent malleability: compensates for small damages and/or irregularities on sealing faces
- High thermal and chemical resistance: very versatile, can be used in many different areas within a plant
- Less risk: the versatility of **Teadit G-Lon** eliminates the risk of using wrong material for a certain application – this prevents avoidable breakdowns
- Electrical conductivity
- No waste: **Teadit G-Lon** is a gasket from a spool, no material gets wasted

NO WAY THROUGH



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