

POWER[®]flon HD

Product name:	POWER [®] flon HD	Material data sheet No.:	D - 0086-0-EN	Date:	15.08.2013
		Revision Date:		Page:	1 / 1



Material properties:

POWER[®]flon HD is a non-asbestos gasket material made from 100% pure, expanded, pre-densified PTFE. The whole production process is subject to strict quality control, registered under ISO 9001.

Application areas:

POWER[®]flon HD is particularly well suited to compensate for out-of-parallel and/or damaged sealing surfaces, and where a certain remaining thickness is required.

Typical applications are heat exchangers, large containers, tank lids, pump housings, flanges, hand- and manholes, etc.

Technical data:

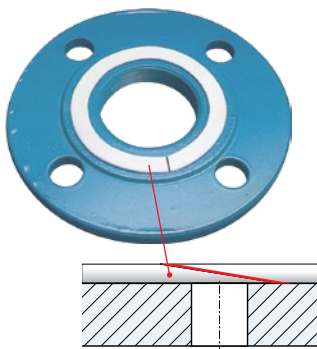
Temperature range	- 240°C up to +270°C, for short periods up to +310°C
Chemical resistance	resistant against all chemicals from pH 0-14, except molten alkali metals and elemental fluorine at high temperature and pressure
Pressure resistance	vacuum up to 200 bar
Density	1,0 g/cm ³ , +/- 0,1g/cm ³
Aging resistance	POWER[®]flon HD does not age. Please note: adhesive tape has limited shelf life
Colour	white



Skived cut assembly

Types HD, FR, BG.

One scarf end is placed over the other scarf end.



Cut „V“ assembly

Types HD, FR, BG.



Product standard and recommended dimensions:

POWER[®]flon HD is available on spools, with self-adhesive strip

POWER [®] flon HD dimension (mm)	standard flange size
4 × 2,5	up to DN 500
6 × 4,6	from DN 500 up to DN 1500
8 × 5,5	DN 1500 and larger
10 × 7,0	DN 1500 and larger

Other dimensions can be produced on request.

When choosing the best suitable dimension of **POWER[®]flon HD**, one has to take the available bolt torque and possibly damaged and/or out-of-parallel gasket surfaces into account.