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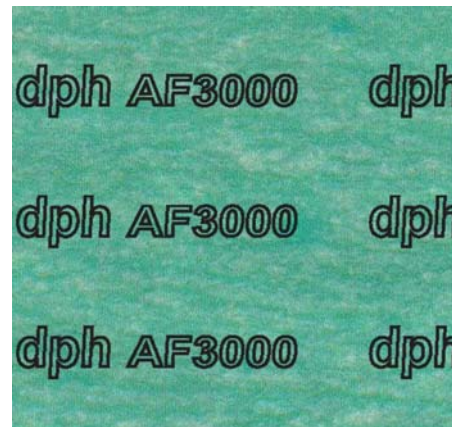
dph AF3000

A high quality compressed asbestos free sheet combines a blend of heat and pressure resistant fibers, aramid fibers with NBR elastomer binder.

dph AF3000 is resistant to fuels, hydrocarbons, oils, lubricants and gases, rendering it suitable for refineries, fuel carriers, the petrochemical and gas industries.

dph AF3000 drinking water approvals renders it suitable for the water and food industries.

dph AF3000 is resistant to a wide range of chemicals, diluted acids and alkalies.



Technical Data

Max. Temperature *	Peak	400°C
	Continuous	250°C (Steam 200°C)
Max. Pressure *		100 bar
Compressibility	ASTM F36	7 – 12 %
Recovery	ASTM F36	> 50 %
Density	DIN 28090-2	1.7 – 2.0 gr/cm ³
Residual Stress (175°)	DIN 52 913	30 MPa
Gas Leakage	DIN 3535-6/99	0.04 mg/m*s
Thickness increase after immersion:		
IRM 903 Oil (5h @ 150°C)	ASTM F146	3 %
ASTM Fuel B (5h @ 23 °C)	ASTM F146	5 %
Flexibility	ASTM F147	No cracks and breaks

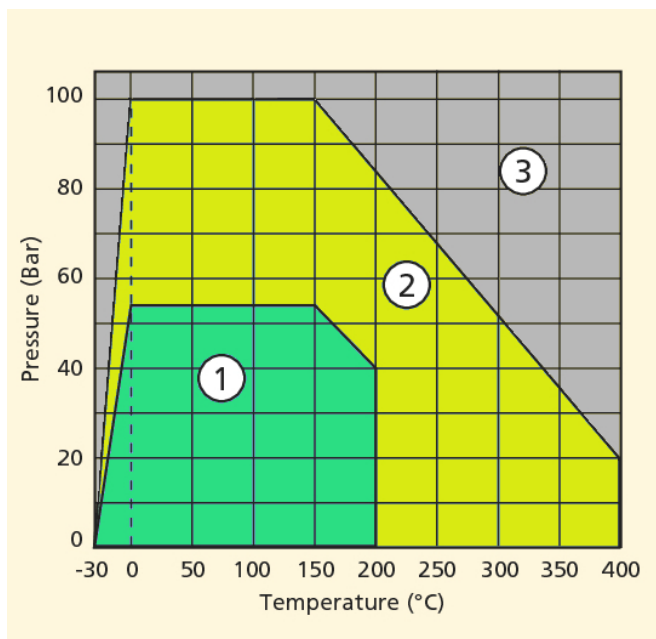
*Max. continuous temperature and max. pressure should not occur simultaneously.
The above data is for 2 mm material.

Approvals

TA Luft German Technical Guidelines on Air Quality and conforming to VDI Regulation 2440.
DVGW German Association of Gas and Water Trade
BAM German, for use with oxygen 100 bar / 85°C
WRAS UK Certification of gasket materials for use in drinking water
TZW/ W270 Drinking water
BS 7531 Grade X
Germanischer Lloyd (DNV GL) For Shipbuilding.

Application Guidelines

PT Diagram



Area 1: Usually suitable, including steam applications

Area 2: Usually satisfactory, but Technical advise is recommended.

Area 3: Caution: May be suitable but it is essential to refer to the vendor for technical advise.

The chemical compatibility of the material should be Always taken into account.

Max. continuous temperature and max. pressure should not occur simultaneously.

Form of Delivery

Sheets: 1.5 x 1.5 M, 1.0 x 1.5 M.

Thicknesses: 0.3, 0.5, 0.8, 1.0, 1.5, 2.0, 3.0, 4.0, 5.0 mm.