



**AFLAS EXTREME TFE
ASAHI GLASS™**

Design Description

Aflas Extreme (TFE) has an excellent acid base, with extreme heat resistance and chemical compatibility. Perfect for steam resistance, and contains highly excellent resistances to aggressive oil, lubricants and coolants. Offering an exceptional explosive decompression resistance.

Because of a higher media resistance, it is recommended in the following situations:

- 100% Methanol
- Steam up to 160°C (special types to 200°C)
- Bases and amines

Features

- Excellent resistance to aggressive oil, lubricants and coolants
- Exhibits excellent acid base and steam resistance
- Exceptional explosive decompression resistance
- Mainly used in chemical and offshore industries
- Highly resistant to HFC, HFD, Amines as well as brake fluids DOT3 and DOT4

Properties	Standard	Unit	Value
Hardness	DIN 53505	Shore A	87 ± 3
Density		g/cm ³	1.67
Tensile strength	DIN 53504	N/mm ²	12.3
Elongation at break	DIN 53504	%	330
Stress ratio 100%	DIN 53504	N/mm ²	6.1
Compression set 70h/100°C)	ASTM D 395B	%	40
Minimum application temperature		°C	- 50
Maximum application temperature		°C	100
Abrasion	DIN 53516	mm	200
Low temperature properties	ASTM D1329	°C	3