



**AFLAS EXTREME TFE
ASAHI GLASS™**

Design Description

Aflas Extreme (TFE) shows extreme heat resistance and chemical compatibility.

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
- 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/ 1000C)	ASTM D 395B	%	40
Minimum application temperature		0C	-15
Maximum application temperature		0C	+200
Abrasion	DIN 53516	mm	200
Low temperature properties	ASTM D1329	0C	+3