

# FR Sheet

## Fluoro Rubber Sheet

### Features

- Excels in chemical, oil, and solvent resistance.
- Excels in weather and ozone resistance.
- Excels in heat aging resistance more than silicone rubber.

### Applications

- Special packing material.
- Corrosive-resistant packing material.

### ■ Properties : FR Sheet

Properties Item Name	General Properties			Heat-Resistant Aging 230°C×72h			Oil Resistance 150°C×72h	Compression Set 150°C×72h %
	Hardness Type A	Tensile Strength at Break MPa (kgf/cm <sup>2</sup> )	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %	IRM 903 Volume Change Rate %	
TFB 8010	81(76)	16.0{163}	230	+7	-13	-39	-4	20
FR Sheet <HS80>	78(75)	10.5{107}	360	+5	-53	-51	+3	47
TFB 6007	62(60)	9.3 {94.9}	320	+4	+13	-15	+7	12

- These items highlighted in this color are our standard products.
- TFB 8010 is not an electric isolating type.
- Please consult us about the thickness tolerance of TFB6007.

# Aflas® Rubber Sheet

## Aflas Rubber Sheet

(Aflas®: Trade name of fluoro rubber of Asahi Glass Co., Ltd.)

### Features

- Excels in inorganic chemical resistance.
- Excels in heat aging resistance.
- Excels in steam resistance.

### Applications

- Packing material for steam ducting.
- Heat resistant and non-contaminating packing material.

### ■ Properties : Aflas Rubber Sheet

Properties Item Name	General Properties			Heat-Resistant Aging 230°C×72h			Oil Resistance 150°C×72h	Compression Set 150°C×72h %	Remarks
	Hardness Type A	Tensile Strength at Break MPa (kgf/cm <sup>2</sup> )	Elongation at Break %	Hardness Change Type A	Change Rate of Tensile Strength %	Change Rate of Elongation at Break %	IRM 903 Volume Change Rate %		
Aflas Rubber Sheet	82 (75)	17.6 {180}	210	0	-50	-4	+7	27	Special order product



- These products should not be incinerated wherever possible because harmful gas to humans might be generated if they are immoderately burned.
- The life of these products at actual use are greatly affected by condition of the use. The user is requested to confirm it beforehand by using sample in the case of use under severe condition.
- These products should be stored away from natural rubber products and synthetic rubber products because they can be easily contaminated depending on the storage environment.
- Please consult us in advance if there is a requirement in odor.