

# IR Sheet

Isobutene-Isoprene Rubber Sheet

## Features

- Excels in chemical resistance.
- Excels in gas permeability resistance.
- Excels in heat aging resistance.

## Applications

- Packing material for air (gas) duct.
- Acid resistant packing material.

### ■ Properties : Black Rubber Sheet

Properties Item Name	General Properties			Heat-Resistant Aging 100°C × 72h			Oil Resistance 70°C × 72h		Compression Set 100°C × 24h %	Elastic Modulus in Static Shear Mpa	JIS K 6380 Corresponding No.	Item Number
	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 %	Volume Change Rate %					
							ASTM #1	IRM 903				
Butyl Sheet <50>	50 (48)	7.1 (72)	600	+ 17	+ 9	- 35	—	—	67	—	AAH50261	TIKM5005
<65>	67 (65)	6.7 (68)	450	+ 12	+ 15	- 49	+ 64	+ 153	54	0.8	BAH65252	TIKM6505

JIS K 6250

### ■ Properties : Colored Rubber Sheet

Properties Item Name	General Properties			Item Number
	Hardness Type A	Tensile Strength at Break MPa (kgf/cm <sup>2</sup> )	Elongation at Break %	
White Butyl Sheet <65>	64(63)	9.0 (92)	600	TIWL6505

JIS K 6250

- These items highlighted in this color are our standard products.

# CSM Sheet

Chloro-Sulfonated polyethylene Rubber Sheet

## Features

- Excels in acid / chemical resistance. (strong acid.)
- Excels in weatherability.
- Excels in ozone resistance.

## Applications

- Acid resistant packing material.

### ■ Properties : Black Rubber Sheet

Properties Item Name	General Properties			Heat-Resistant Aging 100°C × 72h			Oil Resistance 100°C × 72h		CS 100°C × 24h %	Elastic Modulus in Static Shear Mpa	JIS K 6380 Corresponding No.	Item Number
	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 %	Volume Change Rate %					
							ASTM #1	IRM 903				
Hypalon Sheet <70>	69 (65)	17.4 {177}	270	+ 6	+ 9	+ 20	- 3	+ 56	62	1.03	BAH70451	THKM7010

JIS K 6250

### ■ Properties : Colored Rubber Sheet

Properties Item Name	General Properties			Heat-Resistant Aging 100°C × 72h			Oil Resistance 100°C × 72h		CS 70°C × 24h %	JIS K 6380 Corresponding No.	Item Number
	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 %	JIS#1 Volume Change Rate %	JIS#3 Volume change Rate %			
White Hypalon Sheet <60>	59 (57)	14.2 (145)	640	+ 6	- 8	- 30	- 14	+ 40	40	BAH6460	THWM6010

JIS K 6250

- These items highlighted in this color are our standard products.



- These products should not be incinerated wherever possible because harmful gas to humans might be generated if they are immediately burned.
- The user is requested to confirm degree of discoloration and contamination beforehand by using sample in the case of use contacting with the other items.
- The life of these products at actual use are greatly affected by condition of the use. The user is requested to confirm it by using sample in the case of use under severe condition.