

# RUBBER SHEET

● Test oil : IRM903    ● Corresponding JIS : JIS K 6380-2014(Rubber packing material-Performance class)

※ Products which part number ★ marked can be issued analysis results of 4 heavy metal substances and nonuse certificates of 6 substances such as PBB.

※ Tables painted in yellow indicate our standard products.

## CNR SUPER 5

### <Features>

An epoch-making material, CR and NBR is mixed into one.

Excellent in oil resistance, weather resistance, chemical resistance (alkali, alcohol and amine), heat resistance and electric insulation (approx. 1000V/mm).

### <Specifications>

- Standard size : Less than 3mm Width 1m×Length 20m(10m), More than 4mm Width 1m×Length 10m
- Thickness : More than 1.0mm(CPL-100 : More than 0.5mm)

Part No. «Type of Hardness»	Hardness (Type A)	Tensile Strength (MPa)	Elongation (%)	Comp- ression Set (%) (100°C×24h)	Heat Resistance (100°C×72h)			Oil Resistance Volume Change(%) (100°C×72h)	Spe- cific Gra- vity	Color	JIS Corresponding No.
					Hardness Change (Type A)	Change Rate of Tensile Strength (%)	Change Rate of Elong- ation (%)				
★ CPL-100(65)	65	7.1	290	30	+10	+15	-30	+8	1.5	Black	BFH65254
★ CPL-104(40)	41	7.0	550	47	+8	+12	-25	+18	1.2		BFH40272

## CR SHEET

### <Features>

Excellent in chemical resistance, weather resistance, heat resistance, oil resistance and flame retardant.  
K-125 is an FDA conformity product.

### <Specifications>

- Standard size : Less than 3mm Width 1m×Length 20m(10m), More than 4mm Width 1m×Length 10m
- Thickness : More than 1.0mm(CPL-100, N-100 : More than 0.5mm)

Part No. «Type of Hardness»	Hardness (Type A)	Tensile Strength (MPa)	Elongation (%)	Comp- ression Set (%) (100°C×24h)	Heat Resistance (100°C×72h)			Oil Resistance Volume Change(%) (100°C×72h)	Spe- cific Gra- vity	Color	JIS Corresponding No.
					Hardness Change (Type A)	Change Rate of Tensile Strength (%)	Change Rate of Elong- ation (%)				
★ CPL-100(65)	65	7.1	290	30	+10	+15	-30	+8	1.5	Black ク口	BFH65254
★ CPL-104(40)	41	7.0	550	47	+8	+12	-25	+18	1.2		BFH40272
★ N-100(65)	63	8.4	400	45	+9	-7	-28	+96	1.6		BCH65363
N-104(40)	43	7.0	550	45	+12	-15	-30	+28	1.3		BEH40273
N-105(50)	50	7.9	500	59	+11	+6	-25	+140	1.3		BAH50371
N-106(60)	58	7.9	420	47	+11	-6	-28	+52	1.4		BDH60363
N-108(80)	83	7.4	250	46	+8	-14	-35	+80	1.6		BDH80243
N-109(90)	90	11.8	170	22	+5	-10	-28	+65	1.4		BDH90433
N-125(50)	54	7.0	600	40	+15	-12	-35	+110	1.6		BCH50282
★ N-126(60)	60	7.0	450	40	+12	-7	-20	+90	1.6	White シ口	BCH60273
N-127(70)	70	7.0	500	40	+12	-10	-35	+80	1.7		BCH70273

## NBR SHEET

### <Features>

Especially excellent in oil resistance.

### <Specifications>

- Standard size : Less than 3mm Width 1m×Length 20m(10m), More than 4mm Width 1m×Length 10m
- Thickness : More than 1.0mm(CPL-100, O-100 : More than 0.5mm)

Part No. « Type of Hardness »	Hardness (Type A)	Tensile Strength (MPa)	Elongation (%)	Comp- ression Set (%) (100°C×24h)	Heat Resistance (100°C×72h)			Oil Resistance Volume Change(%) (100°C×72h)	Spe- cific Gra- vity	Color	JIS Corresponding No.
					Hardness Change (Type A)	Change Rate of Tensile Strength (%)	Change Rate of Elong- ation (%)				
★ CPL-100(65)	65	7.1	290	30	+10	+15	-30	+8	1.5		BFH65254
★ CPL-104(40)	41	7.0	550	47	+8	+12	-25	+18	1.2		BFH40272
★ O-100(65)	65	7.0	300	30	+10	+15	-30	+8	1.5		BFH65254
O-104(40)	41	6.9	500	42	+8	+15	-25	+20	1.3	Black	BFH40273
O-105(50)	50	6.5	480	49	+9	+12	-22	+33	1.3		BEH50272
O-108(80)	80	10.0	280	36	+7	+8	-32	+18	1.4		BFH80343
★ O-109(90)	90	10.0	180	51	+5	+15	-20	+15	1.5		BFH90322
O-306(60)	58	10.8	490	62	+9	+3	-35	+5	1.5	White	BFH60471
O-307(70)	67	11.8	400	60	+9	-10	-25	+3	1.5		BFH70461
O-308(80)	83	10.3	280	48	+8	+3	-35	+6	1.6		BFH80342
★ O-126(60)	58	7.4	570	—	+7	+6	-15	+35	1.6		BEH60370

## SILICONE RUBBER SHEET

### <Features>

Excellent in heat resistance, cold resistance, oil resistance, compression performance and electric insulation.  
Can be used at low temperature at -30°C. K-123 to K-128 are available for food industry.  
K-125 is FDA conformity product.

### <Specifications>

- Standard size : Width 1m×Length 2m
- Thickness : More than 1.0mm(K-125, K-127 : More than 0.5mm, K-128 : More than 2.0mm)

Part No. « Type of Hardness »	Hardness (Type A)	Tensile Strength (MPa)	Elongation (%)	Comp- ression Set (%) (175°C×24h)	Heat Resistance (225°C×72h)			Oil Resistance Volume Change (%) (150°C×72h)	Spe- cific Gra- vity	Color	JIS Corresponding No.
					Hardness Change (Type A)	Change Rate of Tensile Strength (%)	Change Rate of Elong- ation (%)				
K-105(50)	48	7.9	310	9	+2	-10	-15	+35	1.2	Black	GEC50350
K-114(40)	38	5.9	350	9	+2	-10	-13	+40	1.2	Red	GEC40260
K-115(50)	48	7.9	300	9	+2	-10	-15	+34	1.2	Brick	GEC50350
K-116(60)	56	7.0	250	10	+2	-10	-18	+32	1.3		GEC60240
K-117(70)	68	7.0	200	9	+2	-4	-20	+26	1.3		GEC70230
★ K-123(30)	30	7.5	700	18	-8	-45	-10	+45	1.2		GDC30390
K-124(40)	38	5.9	350	8	+2	-10	-15	+41	1.1	Milky white	GDC40260
★ K-125(50)	48	7.9	310	12	+2	-14	-16	+35	1.2		GEC50350
K-126(60)	56	7.0	250	9	+2	-10	-18	+33	1.3	Gray	GEC60240
★ K-127(70)	67	7.0	200	9	+2	-4	-20	+27	1.3		GEC70230
K-128(80)	80	7.0	200	8	+2	-15	-24	+21	1.4		GEC80230

⚠ **Caution** : Never use for medical application. Products K-123, K-124, K-125, K-126, K-127 and K-128 conform to the Ministry of Health, Labor, and Welfare Notification No.595, Food Sanitation Act, but they are needed to check use conditions sufficiently before used. These products are tested under operating temperature condition exceeded 100°C.

# FLUORORUBBER SHEET

## <Features>

Especially excellent in oil resistance and chemical resistance at high temperature, it can be used for special applications. F-8510 is available for food industry.

## <Specifications>

- Standard size : Width 1m×Length 2m
- Thickness : More than 1.0mm(V-100 : More than 0.5mm)

Part No. « Type of Hardness »	Hardness (Type A)	Tensile Strength (MPa)	Elongation (%)	Comp- ression Set (%) (175°C×24h)	Heat Resistance (250°C×72h)			Oil Resistance Volume Change (%) (150°C×72h)	Spe- cific Gra- vity	Color
					Hardness Change (Type A)	Change Rate of Tensile Strength (%)	Change Rate of Elong- ation (%)			
★ V-100 (75)	75	12.8	330	9	+6	+10	-35	0	1.8	Black
V-105 (50)	51	7.7	420	15	+1	+12	+10	0	1.8	
V-1055 (55)	55	8.0	300	8	+2	-5	-15	0	1.8	
V-106 (60)	62	11.8	280	5	+3	+5	-23	0	1.8	
F-8510 (65)	64	10.0	300	20	+5	+20	-35	0	2.0	White

⚠ **Caution** : F-8510 conforms to the Ministry of Health, Labor, and Welfare Notification No.201, Food Sanitation Act, but sufficiently check use conditions before using. This product is tested under operating temperature condition exceeded 100°C. It does not conform to the use of touching foods under PH5.

# NATURAL RUBBER SHEET

## <Features>

Composed mainly of natural rubber.

Applicable to industrial packing, buffer, floor mat and other general use.

## <Specifications>

- Standard size : Less than 3mm Width 1m×Length 20m(10m), More than 4mm Width 1m×Length 10m
- Thickness : More than 1.0mm(BL-100 : More than 0.5mm)

Part No. « Type of Hardness »	Hardness (Type A)	Tensile Strength (MPa)	Elongation (%)	Comp- ression Set (%) (70°C×24h)	Heat Resistance (70°C×72h)			Specific Gravity	Color	JIS Corresponding No.
					Hardness Change (Type A)	Change Rate of Tensile Strength (%)	Change Rate of Elong- ation (%)			
★ BL-100 (65)	64	3.2	250	53	+5	+6	-9	1.5		AAH65032
★ B-104 (40)	42	3.0	400	64	+9	+8	-10	1.5		AAH40061
B-105 (50)	50	4.0	350	43	+10	+9	-19	1.4	Black	AAH50163
B-106 (60)	62	3.0	300	48	+10	+10	-20	1.5		AAH60050
★ B-108 (80)	77	4.0	200	41	+7	-1	-25	1.6		AAH80133
B-109 (90)	88	4.0	150	48	+3	+7	-25	1.7		AAH90123



TOGAWA RUBBER CO., LTD.

4-2-5 MINAMI-HORIE, NISHI-KU, OSAKA, 550-0015, JAPAN.

TEL: +81-6-6538-1261 FAX: +81-6-6531-3238

E-mail: eigyo@togawa.co.jp URL: https://www.togawa.co.jp

2018E-05g