

Polytech Industry Co.,Ltd. ผู้เชี่ยวชาญผลิต Rubber Sheet หลากหลายวัตถุดิบ เช่น Silicone(Food Grade), EPDM(Food Grade), Viton, Hypalon, NBR, SBR, NR, CR และเสริมผ้าใบ เป็นต้น

Purposes

- ยางรอง(Sheet)
- ประเก็น(Gasket)
- ไดอะแฟรม(Diaphragm)

CUSTOM RUBBER SHEET

ITEMS	SPEC.
Thickness	: 0.3 - 50 mm.
Width	: 2000 mm. [Maximum]
Hardness	: 35 - 90 Shore A
Color	: Various Colors as Requested
Material	: CR, EPDM, Hypalon, NBR, NR, SBR, Silicone, Viton etc.
Polymer Reinforcement	: Polyester, Nylon, Cotton etc.
Steel Reinforcement	: Steel Cord
Surface	: Smooth Surface, Texture Surface

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RUBBER MATERIAL

SUBJECT	CR	EPDM	Hypalon	NBR
Temperature Range(°C)	-50 to +130	-40 to +160	-40 to +150	-25 to 120
Durometer or Hardness Range(Shore A)	50 to 90	35 to 90	50 to 90	45 to 90
Tensile Strength Range(PSI)	500 to 3000	500 to 2500	1000 to 3000	200 to 3500
Acid, Dilute	1	1	1	2
Steam Resistance	2 - 3	1	2 - 4	2 - 3
Oil Resistance	3	4	2 - 3	1 - 2
Ozone Resistance	1 - 2	1 - 2	1	2 - 3
Water Resistance	2 - 3	1	2	1 - 2
Compression Set	2 - 4	1 - 4	2 - 4	1 - 2
Impact Resistance	1 - 2	2	2	2 - 3
Resilience/Rebound	2 - 3	2 - 3	2 - 3	2
Tear Resistance	1 - 2	2 - 3	2 - 3	1 - 2
Vibration Dampening	1 - 2	2 - 3	2 - 3	2 - 3
	NR	SBR	Silicone	Viton
Temperature Range(°C)	-40 to +100	-40 to +105	-70 to +220	-35 to +260
Durometer or Hardness Range(Shore A)	35 to 90	35 to 90	30 to 80	60 to 70
Tensile Strength Range(PSI)	500 to 3500	500 to 3000	200 to 1500	500 to 2000
Acid, Dilute	1 - 3	2 - 3	2 - 3	1 - 2
Steam Resistance	2	2 - 3	2 - 3	1 - 2
Oil Resistance	4	4	3	1
Ozone Resistance	4	4	1	1
Water Resistance	1	1 - 2	1	1
Compression Set	1	1 - 2	1 - 2	1 - 2
Impact Resistance	1 - 2	1	2 - 4	2
Resilience/Rebound	1	2	1 - 2	3 - 4
Tear Resistance	1 - 2	1 - 3	2 - 4	2 - 3
Vibration Dampening	1 - 2	2 - 3	2 - 3	2 - 3
	Standard			
	Excellent : 1	Good : 2	Fair : 3	Poor : 4

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Standard Sizes

Materials	Width (m.)	Thickness (mm.)	Hardness (Shore A)	Temperature (°C)	Description
CR	1	0.5 - 25	65	100	
	1.2	2 - 10	65	100	
	1.5	2 - 10	65	100	
CR+Polymer Reinforcement	1	1.5 - 10	65	100	
	1.2	1.5 - 10	65	100	
EPDM	1	0.5 - 25	65	150	
	1.2	2 - 10	65	150	
	1.5	2 - 10	65	150	
EPDM(Food Grade-White)	1	1 - 12	65	120	with COA
	1.2	1 - 12	65	120	with COA
NR	1	1.5 - 25	65	60	
	1.2	1.5 - 25	65	60	
NR+Polymer Reinforcement	1	5, 6	65	50	
	1	5, 6	50	70	ผิวผ้า 2 ด้าน
NR(Food Grade-White)	1	1 - 12	65	60	with COA
	1.2	1 - 12	65	60	with COA
NBR	1	0.5 - 25	65	115	
	1.2	2 - 10	65	115	
	1.5	2 - 10	65	115	
NBR+Polymer Reinforcement	1	1.5 - 10	65	115	
	1.2	1.5 - 10	65	115	
NBR(Food Grade-White)	1	1 - 12	65	60	with COA
	1.2	1 - 12	65	60	with COA
Silicone(Food Grade)	1	1 - 12	50	270	Various Colors, with COA

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