

DO DESIGN
RUBBER



SANGJIN
PRODUCT CATALOGUE

GREETING MESSAGE



We are one of the leading manufacturer & distributor of rubber products.
Our engagement involves planning, designing and execution of wide range of rubber products.

Expertise, Innovation, Flexibility.

These are the three qualities which have made us a leading company for all aspects of the production of top quality rubber products.

Our vision is to create growth by giving high quality, technical development, economical and on-time service to our expanding customer base.

Our production expertise has made us a reliable problem solving partner for customer who are satisfied in every respect.

SangJin Chemical Rubber Ind. insists on "**INNOVATION, QUALITY, CREDIT**" to welcome domestic and overseas customer with high-quality products and one-stop services.

We will do our best for customer's satisfaction. Thank you.

About Us



GLOBAL PARTNER **SANGJIN**

“ YOU THINK, WE MAKE ”

**The leading rubber products manufacturer,
SANGJIN want to be Your BEST strategic business partner!**

SANG JIN CHEMICAL RUBBER IND. is one of the leading ODM & OEM manufacturers in South Korea for rubber O-Ring and Rubber parts, Packing, Gaskets and Custom made products. We provides leading edge products and quality services as well as professional technical supports on design and development of products tailored to meet clients' needs. We have accreditation of ISO9001: 2008 and Corporation Laboratory.

SANG JIN CHEMICAL RUBBER IND. is dynamic and with passionate in the industry. Also it continues growth with expansion in its market and products. Today, we have extended its product range from industry to consumer segment.

SANG JIN CHEMICAL RUBBER IND. offers high quality and cost competitive rubber parts and products for global market. As a leader in rubber based products for more than 30 years, SANGJIN' s reputation for reliability and innovative design is evident with their long term business partners worldwide.

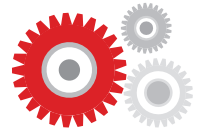
About Us

Facility

- Rubber Press Machine 12 SET
- Silicone Extrusion Machine 3 SET
- Silicone Sponge Extrusion Machine 1 SET
- Rubber Extrusion Machine 2 SET
- Resin Producing Line 2 SET
- Dry Oven Machine 1 SET
- Auto Tube Cutting Machine 1 SET
- Rubber raw material Cutting Machine 2 SET
- Milling Machine 1 SET
- Quality Control Equipments

Annual capability

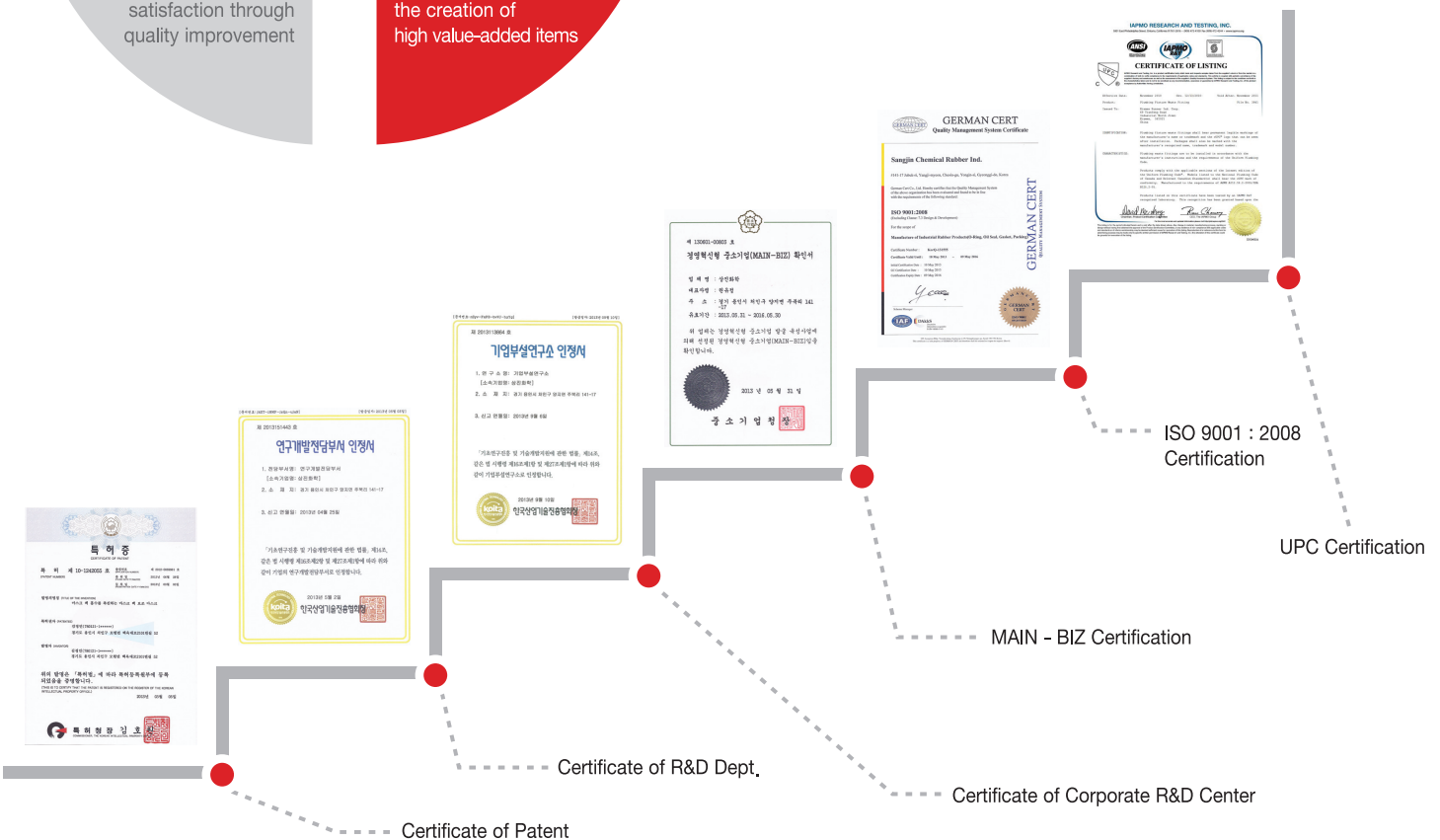
- Silicone Rubber Extrusion, 500,000 lbs
- Silicone Sponge Extrusion, 500,000 lbs
- Industrial Standard O-Ring & Oil Seal 200 Million pcs
- OEM Gasket and Packing 150 Million pcs
- Resin Products 80 Million pcs



Vision



SINCE
1982



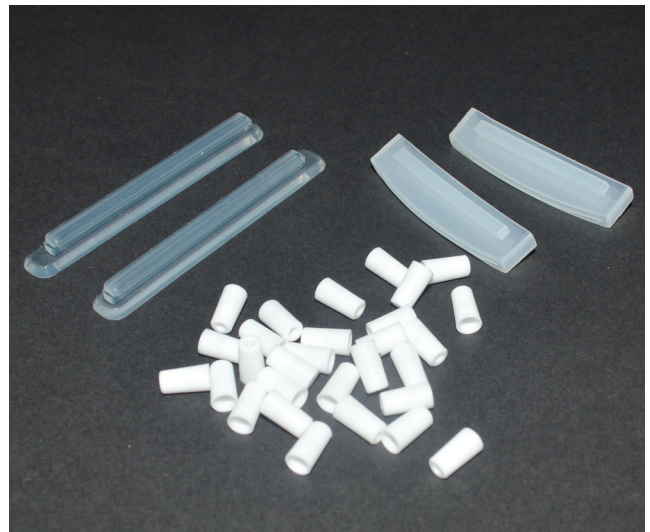
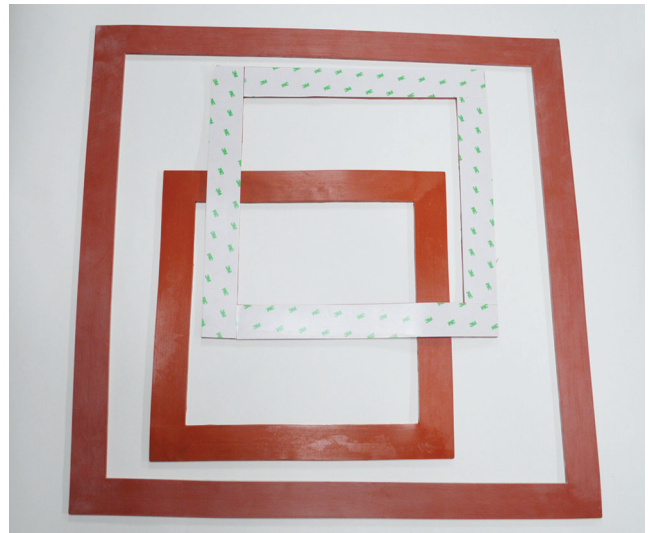
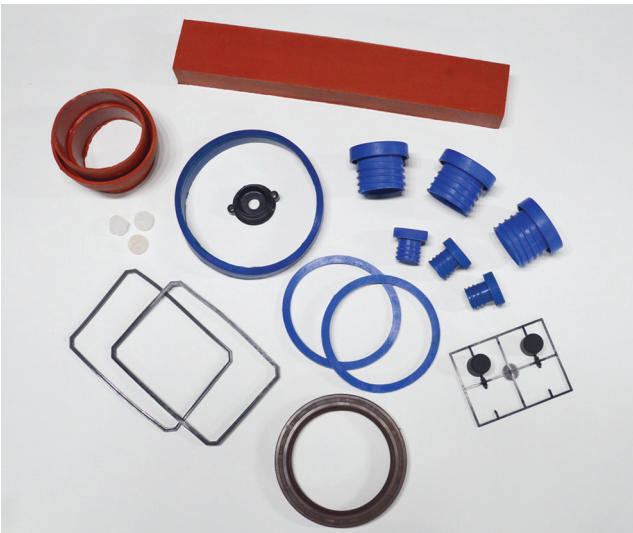
Packing & Gasket

Custom seals, rubber gaskets, and packing products.

We source seals to meet customers' stringent specifications from the world's leading manufacturers - whether they be niche suppliers or global firms. Our broad range of in-house processes converts parts from any source into a seal, gasket or o-ring that conforms to your specifications.

Material : NBR, EPDM, SILICONE, URETHANE, VITON, ACRYL, SBR, NR, CR, Buthyl

Usage : Gasket for general use, Dust cover, Airlight Parts, Parts for High Temperature facilities
Electronic Parts, Motors, Cylinder, Piston Parts, Lighting Equipment, Parts for various industrial use



O-Ring

S - Series

NO.	I.D. X W
S - 2	1,5 X 1,5
S - 2,5	2,0 X 1,5
S - 3	2,5 X 1,5
S - 4	3,5 X 1,5
S - 5	4,5 X 1,5
S - 5,5	5,0 X 1,5
S - 6	5,5 X 1,5
S - 6,5	6,0 X 1,5
S - 7	6,5 X 1,5
S - 8	7,5 X 1,5
S - 9	8,5 X 1,5
S - 9,5	9,0 X 1,5
S - 10	9,5 X 1,5
S - 11	10,5 X 1,5
S - 11,2	10,7 X 1,5
S - 12	11,5 X 1,5
S - 12,5	12,0 X 1,5
S - 14	13,5 X 1,5
S - 14,5	14,0 X 1,5
S - 15	14,5 X 1,5
S - 16	15,5 X 1,5
S - 17,5	17,0 X 1,5
S - 18	17,5 X 1,5
S - 18,5	18,0 X 1,5
S - 19	18,5 X 1,5
S - 19,5	19,0 X 1,5
S - 20	19,5 X 1,5
S - 21,5	21,0 X 1,5
S - 22	21,5 X 1,5
S - 22,4	21,9 X 2,0
S - 24	23,5 X 2,0

NO.	I.D. X W
S - 25	24,5 X 2,0
S - 25,5	25,0 X 2,0
S - 26	25,5 X 2,0
S - 28	27,5 X 2,0
S - 29	28,5 X 2,0
S - 30	29,9 X 2,0
S - 30,5	30,3 X 2,0
S - 31,5	31,0 X 2,0
S - 32	31,5 X 2,0
S - 32,5	32,0 X 2,0
S - 34	33,5 X 2,0
S - 35	34,5 X 2,0
S - 35,5	35,0 X 2,0
S - 36	35,5 X 2,0
S - 38	37,5 X 2,0
S - 38,5	38,0 X 2,0
S - 39	38,5 X 2,0
S - 40	39,5 X 2,0
S - 41,5	41,0 X 2,0
S - 42	41,5 X 2,0
S - 44	43,5 X 2,0
S - 44,5	44,0 X 2,0
S - 45	44,5 X 2,0
S - 46	45,5 X 2,0
S - 46,5	46,0 X 2,0
S - 48	47,5 X 2,0
S - 50	49,5 X 2,0
S - 50,5	50,0 X 2,0
S - 52,5	52,0 X 2,0
S - 53	52,5 X 2,0
S - 55	54,5 X 2,0

NO.	I.D. X W
S - 56	55,5 X 2,0
S - 59	58,5 X 2,0
S - 60	59,5 X 2,0
S - 60,5	60,0 X 2,0
S - 62	61,5 X 2,0
S - 63	62,5 X 2,0
S - 64,5	64,0 X 2,0
S - 65	65,5 X 2,0
S - 67	66,5 X 2,0
S - 70	69,5 X 2,0
S - 71	70,5 X 2,0
S - 72	71,5 X 2,0
S - 75	74,5 X 2,0
S - 80	79,5 X 2,0
S - 80,5	80,0 X 2,0
S - 85	84,5 X 2,0
S - 90	89,5 X 2,0
S - 94,5	94,0 X 2,0
S - 95	94,5 X 2,0
S - 96,5	96,0 X 2,0
S - 100	99,5 X 2,0
S - 105	104,5 X 2,0
S - 106,5	106,0 X 2,0
S - 110	109,5 X 2,0
S - 112	111,5 X 2,0
S - 115	114,5 X 2,0
S - 119,5	119,0 X 2,0
S - 120	119,5 X 2,0
S - 125	124,5 X 2,0
S - 130	129,5 X 2,0

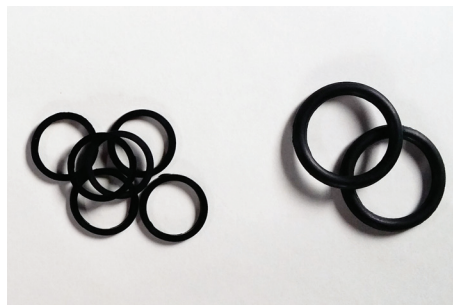
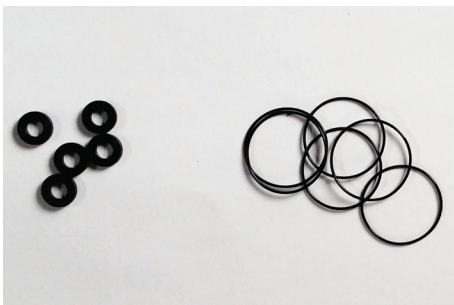
NO.	I.D. X W
S - 132	131,5 X 2,0
S - 135	134,5 X 2,0
S - 140	139,5 X 2,0
S - 142,5	142,0 X 2,0
S - 145	144,5 X 2,0
S - 145,5	145,0 X 2,0
S - 150	149,5 X 2,0
S - 152,5	152,0 X 2,0
S - 160	159,5 X 2,0
S - 170	169,5 X 2,0
S - 180	179,5 X 2,0
S - 197,5	197,0 X 2,0
S - 200	199,5 X 2,0
S - 210	209,5 X 2,0
S - 215	214,5 X 2,0
S - 235	234,5 X 2,0
S - 240	239,5 X 2,0
S - 250	249,5 X 2,0
S - 270	269,5 X 2,0
S - 300	299,5 X 2,0

V - Series

(Size:millimeters)

NO.	I.D. X W
V - 9,5	9,0 X 4,0
V - 10	9,5 X 4,0
V - 15	14,5 X 4,0
V - 16	15,5 X 4,0
V - 16,5	16,0 X 4,0
V - 18	17,5 X 4,0
V - 20	19,5 X 4,0
V - 22	21,5 X 4,0
V - 24	23,5 X 4,0
V - 25	24,5 X 4,0
V - 25,5	25,0 X 4,0
V - 26	25,5 X 4,0
V - 27,5	27,0 X 4,0
V - 28	27,5 X 4,0
V - 28,5	28,0 X 4,0
V - 30	29,5 X 4,0
V - 32	31,5 X 4,0
V - 34	33,5 X 4,0
V - 35	34,5 X 4,0
V - 36	35,5 X 4,0
V - 38	37,5 X 4,0
V - 40	39,5 X 4,0
V - 42	41,5 X 4,0
V - 45	44,5 X 4,0
V - 48,5	48,0 X 4,0
V - 50	49,5 X 4,0
V - 55	54,5 X 4,0
V - 57,5	57,0 X 4,0
V - 60	59,5 X 4,0
V - 65	64,5 X 4,0
V - 70	69,0 X 4,0

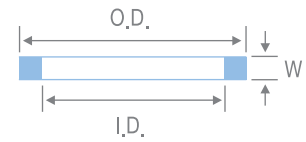
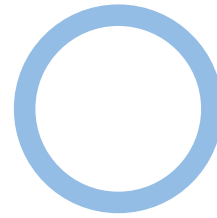
NO.	I.D. X W
V - 75	74,0 X 4,0
V - 80	79,0 X 4,0
V - 82	82,0 X 4,0
V - 85	84,0 X 4,0
V - 90	89,0 X 4,0
V - 95	94,0 X 4,0
V - 100	99,0 X 4,0
V - 105	104,0 X 4,0
V - 110	109,0 X 4,0
V - 115	114,0 X 4,0
V - 117	117,0 X 4,0
V - 120	119,0 X 4,0
V - 125	124,0 X 4,0
V - 130	129,0 X 4,0
V - 135	134,0 X 4,0
V - 140	139,0 X 4,0
V - 145	144,0 X 4,0
V - 150	148,5 X 4,0
V - 155	154,0 X 4,0
V - 160	159,0 X 4,0
V - 165	164,0 X 4,0
V - 170	169,0 X 4,0
V - 175	174,0 X 4,0
V - 180	179,0 X 4,0
V - 185	174,0 X 4,0
V - 190	189,0 X 4,0
V - 195	194,0 X 4,0
V - 200	199,0 X 4,0



Square-Ring

Material : NBR, EPDM, SILICONE, SBR, CR, VITON(FKM), H-NBR

Usage : Parts for Automobile, Electric machine, General industrial
Telecommunication Device, Bidet, Sanitation & Health
Machine, Lighting Fixture, Military Device & Machine



* O.D. : Outsider Diameter
I.D. : Inside Diameter

(Size:millimeters)

I.D. X O.D. X W	I.D. X O.D. X W	I.D. X O.D. X W	I.D. X O.D. X W	I.D. X O.D. X W	I.D. X O.D. X W
0,6 X 6,8 X 1,5	5,5 X 13 X 2	8,8 X 25 X 1,6	13 X 23 X 2	21,7 X 42,4 X ,5	56 X 66 X 1
1,4 X 5 X 2,4	5,5 X 10,5 X 4,9	8,9 X 16,7 X 1,2	13 X 26 X 3	21,8 X 42,4 X 5,8	60 X 65 X 2
1,5 X 7 X 3	5,5 X 21 X 2,7		13 X 28 X 5		61,7 X 82,2 X 1,4
1,6 X 8 X 1,6		9 X 14 X 2		22 X 27 X 0,7	63,5 X 77,5 X 5
1,7 X 5,3 X 1,7	6 X 10,3 X 3	9 X 19 X 2,5	14 X 28 X 2	22 X 28 X 2	67,8 X 88,4 X 1,4
1,8 X 3,3 X 0,8	6 X 11 X 2	9 X 23 X 1,3	14 X 20 X 2,5	22 X 31 X 3	64 X 80 X 5
1,8 X 5 X 2,4	6 X 12 X 1,5	9 X 25 X 4	14 X 22 X 2,3	22 X 34 X 3	
	6 X 12 X 3	9 X 19 X 3,2	14 X 22 X 3,2	22 X 38 X 22	81 X 92 X 2,5
	6 X 15 X 2,5	9,2 X 24 X 6,4	14 X 23 X 3	22 X 54,5 X 6	82 X 94 X 1,6
2 X 5 X 4	6 X 23 X 1	9,4 X 15 X 0,6	14 X 25 X 2,5	22 X 29 X 3	86,5 X 107 X 1,6
2 X 32 X 8	6 X 36 X 1	9,5 X 13,5 X 3	14 X 27 X 2,5	22,5 X 35 X 1,6	86,5 X 107 X 2
2,2 X 6 X 2	6,1 X 8,6 X 1	9,5 X 14,5 X 3	14,2 X 87,2 X 3,4		
2,4 X 8,5 X 3	6,2 X 7,7 X 0,8	9,5 X 15 X 1	14,5 X 20,8 X 2,7		
2,5 X 6,75 X 1,5	6,4 X 14,2 X 2,8	9,5 X 63,5 X 3,2	14,5 X 26 X 5	23 X 30 X 4	90 X 97 X 6
2,5 X 9,5 X 1,5	6,5 X 11 X 6,5	9,52 X 15,87 X 5,46		23 X 32 X 3	90 X 99 X 2,6
2,7 X 16,1 X 2,5	6,5 X 12 X 3	9,7 X 16,1 X 5,5		23,8 X 25,4 X 19	98 X 103 X 3,4
2,8 X 143 X 12	6,5 X 19 X 3		15 X 21 X 4	23,8 X 58,7 X 3,2	
	6,7 X 10 X 4,4		15 X 21 X 2		104 X 110 X 2,8
3 X 8 X 1		10 X 16 X 2	15 X 24 X 2,5	24,4 X 29,4 X 3,2	104 X 114 X 2,3
3 X 8 X 1,12	7 X 10,5 X 2,8	10 X 14 X 4	15 X 24 X 3		
3 X 8 X 5	7 X 20 X 3	10 X 17 X 2,5	15,6 X 22,4 X 3,2	25 X 34 X 3	
3 X 8,5 X 2	7 X 10,7 X 2,6	10 X 17 X 3	15,8 X 22,5 X 2,2	25 X 38 X 3	115 X 175 X 1,5
3 X 12,5 X 1	7 X 12 X 1	10 X 18 X 2	15,8 X 22,53 X 3	25 X 30 X 2,5	
3 X 18,5 X 2	7 X 12 X 4	10 X 25 X 1			126,5 X 134 X 2
3,1 X 99 X 3,2	7 X 12 X 4	10 X 26 X 2	16 X 20,8 X 1,5	26 X 32 X 2	126,5 X 134 X 12
3,5 X 6,5 X 1	7 X 13 X 1,5	10 X 26 X 2,5	16 X 21 X 1	26 X 33 X 3	
3,5 X 6,5 X 1,5	7 X 14 X 2	10 X 35 X 4	16 X 21 X 1,5	26 X 36 X 2,5	137 X 147 X 5
3,5 X 14 X 2	7 X 15,5 X 1,5	10 X 18 X 3	16 X 22 X 2,5	26 X 40 X 2	
3,6 X 46 X 3,7	7 X 15,5 X 2	10,2 X 19 X 5,5	13 X 23 X 2	26 X 40 X 2,5	157 X 175 X 3
3,6 X 68 X 3,7	7 X 16 X 8	102 X 19,5 X 3,7	16 X 125 X 3	26,5 X 33,7 X 2,5	
3,8 X 20 X 2	7 X 18 X 3	10,5 X 17,5 X 3	16 X 21 X 2,5		160 X 175 X 5
	7 X 19 X 3	10,5 X 21 X 1,7	16,5 X 22 X 2,5	27 X 37 X 1,5	
	7,2 X 11,5 X 1		16,8 X 21,6 X 2,4	27 X 80 X 3,2	197 X 247 X 4
4 X 8 X 2	7,4 X 12,5 X 3,1	11 X 19 X 2,5	16,9 X 20,1 X 1,1	27,6 X 37,8 X 1,1	
4 X 9 X 2	7,5 X 11,5 X 1,5	11 X 20 X 5,5			
4 X 10 X 1	7,5 X 17,2 X 2,5	11 X 22 X 3	17 X 23 X 2	28 X 37 X 3	
4 X 10 X 2,5	7,8 X 26 X 5	11,5 X 18 X 4	17 X 25 X 3	28 X 40 X 2,5	
4 X 12 X 1	7,8 X 30 X 2	11,5 X 18,5 X 3		28 X 49 X 3	
4 X 12 X 2	7,8 X 30,7 X 4,8	11,5 X 20 X 4	18 X 27 X 2	28 X 36 X 3	
4 X 12 X 3	7,7 X 10,5 X 1		18 X 27 X 3	28,6 X 47,8 X 1,5	
4 X 14 X 3		12 X 15 X 1,5	18 X 28 X 2		
4 X 44,5 X 2,6	8 X 10 X 0,6	12 X 16 X 2	18,3 X 27 X 2,4	29 X 35 X 4	
4,2 X 15 X 5	8 X 13 X 1	12 X 16 X 2,5	18,4 X 21,4 X 6,3	29 X 42 X 1,2	
4,3 X 5,8 X 0,5	8 X 13 X 3	12 X 18 X 3	18,5 X 22,5 X 2		
4,5 X 11,5 X 2	8 X 14 X 1,5	12 X 18,4 X 2,85	18,5 X 28,5 X 3,2	30 X 40 X 3	
4,5 X 16 X 3	8 X 17 X 3	12 X 24 X 2		30 X 35,1 X 2,55	
4,8 X 5,6 X 1,4	8 X 19 X 3	12 X 24 X 3	19 X 27 X 5	32 X 37 X 3	
4,8 X 14,2 X 3,9	8 X 23 X 2	12 X 25 X 3		32 X 44 X 3	
4,8 X 104 X 2,3	8 X 55 X 5	12 X 30 X 2	20 X 25 X 2,5	33 X 42,5 X 3,5	
	8,2 X 14,3 X 3	12 X 68,4 X 1	20 X 27 X 2	36 X 43,5 X 0,4	
5 X 7 X 3	8,2 X 15,7 X 1,5	12 X 25,2 X 2,6	20 X 28 X 2	39,2 X 49 X 1,8	
5 X 8 X 2	8,2 X 22,3 X 3,2	12,2 X 18 X 2,5	20 X 30 X 2		
5 X 10 X 2	8,2 X 22,5 X 3,2	12,5 X 19 X 3	20 X 30 X 2,5	41,5 X 57 X 3	
5 X 11 X 5	8,3 X 22 X 1,6	12,5 X 20,5 X 1	20 X 30 X 3	42 X 63 X 1,6	
5 X 14 X 3	8,5 X 12,5 X 1,2	12,5 X 21 X 3,2	20 X 30 X 5,5	47 X 59 X 1,5	
5 X 16,5 X 2	8,5 X 14 X 1,5	12,5 X 36 X 1		47,8 X 56 X 35	
5 X 19 X 3,2	8,5 X 14 X 3	12,7 X 22,2 X 3,17	21 X 26 X 2	48 X 61 X 1,5	
5 X 20 X 5	8,5 X 28 X 2,5		21 X 28 X 1		
5 X 90 X 2,6	8,5 X 57 X 4	13 X 19 X 3,5	21 X 38 X	50 X 67 X 3	
5,2 X 10 X 1,4	8,5 X 67 X 4	13 X 21,5 X 1,6	21 X 53,6 X 3	52,3 X 58,6 X 1,4	
5,3 X 10,5 X 2,9	8,51 X 13,97 X 4,57	13 X 22,8 X 1,5	21,5 X 30 X 3	55 X 58 X 9,3	

Oil Seal

We offers several sizes of standard sized metal clad oil seals. These seals are for rotating shafts and are specifically designed to prevent oil or grease leakage at maximum pressures of 10 PSI and temperature of 240 deg. F. Additional style and sizes are available upon request.

Material : RUBBER

Temperature Range : -40° to +240° F

Pressure Range : 10 PSI Maximum

Usage : Parts for Automobile, Electric machine, General industrial Telecommunication Device, Bidet, Sanitation & Health Machine, Lighting Fixture, Military Device & Machine



Bonded Seal



Coupling

Heavy Duty / No-Hub Coupling

No-Hub Coupling provides maximum transfer of pressure from the clamps to the gasket to the pipe. Engineered to connect no-hub cast iron pipe in applications replacing the less-efficient hub and spigot.

Features

- Specially Beaded Gasket
- Interlocking Clamp Design
- Floating Eyelet Design

Specifications

- Standard No-Hub
- Medium Duty No-Hub
- Heavy Duty No-Hub

Size	Clamps Per Coupling	Install Torque (Inch Pounds)
1-1/2"	2	60
2"	2	60
3"	2	60
4"	2	60
5"	4	60
6"	4	60
8"	4	60
10"	4	60
12"	6	120
15"	6	120

Rubber Extrusion

We specialize in providing custom rubber parts and providing services customers want to ensure that their end product outperforms the competition. When you need a rubber part, whether custom or standard, we can guide you through the entire process from providing technical direction to determining what type of material you need.

Material : NBR, EPDM, SILICONE, VITON, TPE, TPV

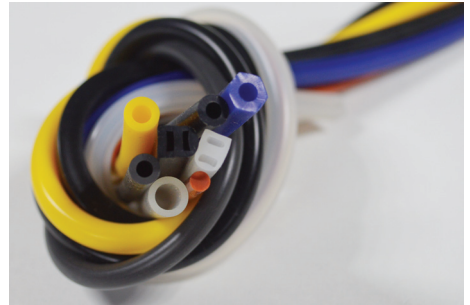
Usage : Water purifier, Bidet nozzle, Parts for various purpose



Silicone Hexagon Tube



Shape



Silicone Tube

Sponge Extrusion & Sheet

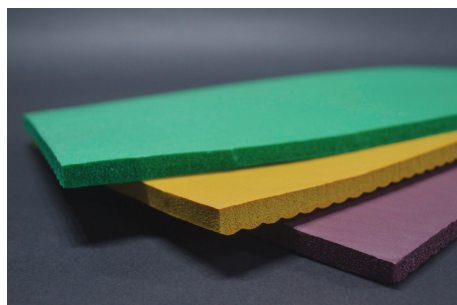
The sponge rubber extrusion profiles can be extruded in a wide range of sponge densities. Sponge based profiles offer the advantage of very low density i.e. weight reduction or light compression requirements. We are also able to co-extrude solid and sponge based rubber profiles.

Features & Benefits

- Manufactured in tubing, cord, profiles & sections
- Excellent Ozone and UV resistance
- Thermally stable over a wide range of temperatures (-60° C to 230° C depends on material)
- Available in white, riox, dark and grey



Silicone Sponge Sheets



NBR Sponge Sheets



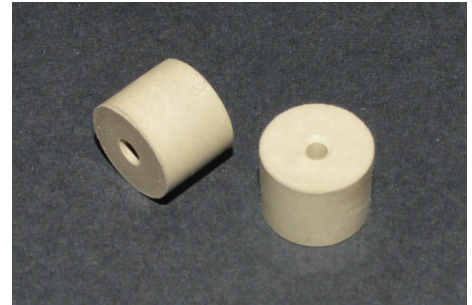
Silicone Sponge Extrusion

EMI Conductive Silicone

We offer EMI Elastomers that are made of metal particles in Silicone with great technics for compounding and controlling shapes. The products have high conductivity and excellent shielding & sealing effects. So, these are used for telecommunication, information technology, medical and industrial electronic equipment and military equipment.

Features

- High conductivity
- Excellent sealing effect (waterproof & dustproof)
- Halogen free
- The best resiliency
- Heat-resisting property
- ROHS compliant



Products : Tubing, Packing, Hose, Gasket, O-Ring, Seal, Sheet, Bushing

Anti Vacteria Silicone Rubber

The dangers of the hazards posed by strains of lethal bacteria have, in recent years, been widely publicised. We developed a highly effective anti-microbial silicone rubber. We has conducted extensive research to develop and produce Anti Vacteria Silicone Rubber. It is suitable for use in a range of applications and environments and is safe when exposed to people both in public and industrial environments.

7. Tables

Table 1. E. coli 항균시험 (단위 : CFU/시험)

구분	초기	24시간 후	항균활성치
무균공시험	4.5×10^6	4.4×10^6 (6.6)	
항균가공시험	4.5×10^7	< 10 (1.8)	5.6

항균활성치(R) = [log(B/A) - log(C/A)] = [log(B/C)]
 여기에서, R: 항균활성치
 A: 무균공시험의 접종직후의 생균수의 평균치
 B: 무균공시험의 24시간 후의 생균수의 평균치
 C: 항균가공시험의 24시간 후의 생균수의 평균치

Table 2. S. aureus 항균시험 (단위 : CFU/시험)

구분	초기	24시간 후	항균활성치
무균공시험	3.8×10^7	6.4×10^7 (5.8)	
항균가공시험	3.8×10^7	< 10 (1.8)	4.8

Table 3. 항균시험 결과 종합 (단위 : CFU/시험)

시험 구분	시험 구분	초기	24시간 후	항균활성치
E. coli	무균공시험	4.5×10^6	4.4×10^6 (6.6)	
	항균가공시험	< 10 (1.0)		5.6
S. aureus	무균공시험	3.8×10^7	6.4×10^7 (5.8)	
	항균가공시험	< 10 (1.0)		4.8

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TEST REPORT

Report No. : TR-202001
 Client : Yoo-Jung, Korea
 SALSUNG-CHEMICAL, Ltd.
 100-11 C Dong, Judoon-ri, Yangri-myeon, Cheongju, Yongju-si, Gyeongju, Korea.

Report Date : Jul.29.2013
 Test Completion Date : Aug.28.2013

Sample : Silicone anti-bacteria test for sanitary container

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Antibacterial test(E. coli)	-	A	4.5×10^6 CFU/US specimen	JIS Z 2801 : 2006
Antibacterial test(E. coli)	-	B	4.4×10^6 CFU/US specimen	JIS Z 2801 : 2006
Antibacterial test(E. coli)	-	C	CFU/Specimen	JIS Z 2801 : 2006
Antibacterial test(E. coli)	-	R	5.6	JIS Z 2801 : 2006
Antibacterial test(S. aureus)	-	A	3.8×10^7 CFU/US specimen	JIS Z 2801 : 2006
Antibacterial test(S. aureus)	-	B	6.4×10^7 CFU/US specimen	JIS Z 2801 : 2006
Antibacterial test(S. aureus)	-	C	CFU/Specimen	JIS Z 2801 : 2006
Antibacterial test(S. aureus)	-	R	4.8	JIS Z 2801 : 2006

- Value of antimicrobial activity (R) = [log(B/A) - log(C/A)] = [log(B/C)]
 where, A: Average of the number of viable cells bacteria immediately after inoculation on the untreated test piece
 B: Average of the number of viable cells bacteria on the untreated test piece after 24hr
 C: Average of the number of viable cells bacteria on the antimicrobial test piece after 24hr
 - Test strain : Escherichia coli ATCC 8739
 Staphylococcus aureus ATCC 12228
 - Untreated test piece and film : Stomacher pouch

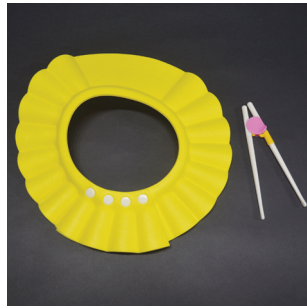
Attachment : Test Report USAGE: QUALITY CONTROL

Prepared by: Kim Myeongsik
 Reviewed by: Kim Myeongsik
 Technical Manager
 E-mail: ym0208@ktri.ac.kr

Aug.28.2013
 Korea Testing & Research Institute
 President: Kim Myeongsik

1 of Total : 2 Page(s)

Products



Safety Shampoo Cap & Chopstick for Kids



dot case

Silicone Phonecase



Cosmetic Bottle Spoid Cap



Safety Corner Protector



Safety Edge Guard



Silicone Clay



Safety Door Stop & Multi-Purpose Strap & Lock

Products




ECO-Friendly
NON-Toxic
BPA Free

Safe Baby



- Sterilize in boiling water available
- Microwave O.K, Dishwasher O.K
- Unbreakable, Flexible, Pure & Soft

Platinum Silicone 100%



Silicone Spoon & Chopsticks



Silicone Kids Cup



Silicone Baby Food Spoon (S, L)



Silicone Baby Food Bowl (250ml)



Silicone Baby Food Bowl (150ml)



Silicone Baby Bib



Silicone Teether (Octopus)

★Transparent



Silicone Soother

Cooking is possible in Microwave



Silicone Cooking Play Set



Silicone Animals Puzzle



Silicone Tangram Puzzle

Products



Silicone Cooking Tongs



Silicone Turner



Silicone Balloon Whisk



Silicone Frying Spoon



Silicone Sauce Brush



Silicone Ladle (S, L)



Silicone Turner



Silicone Spatula



Silicone Boiling Wrapper



Silicone Collapsible Funnel



Silicone Steam Trivet



Silicone Clip Cutting Board



Silicone Steamer



Silicone Square Steamer



Silicone Tajine Steamer (18cm/22cm)



Silicone Stew Pot (16cm/18cm)



Silicone Frozen Rice Bowl (2 PCS)



Silicone Folding Cup



Silicone Rice Scoop

Products

Kitchen Utensils



Silicone Spoon & Chopstick

★Transparent



Silicone Domed Lid (18cm/21cm/24cm)

★Transparent



Silicone Frying Pan Lid (26cm/30cm)



Silicone Honey Dipper



Silicone Multi Band (M/L)



Silicone Multi Stopper



Silicone Multi Cap (10,5cm/13,5cm/17,5cm/21cm)



Silicone Oven Gloves



Silicone Pot Mat



Silicone Stew Pot Lid (16cm/18cm)



Silicone Tajine Lid (18cm/22cm)



Silicone Multi Ties (20cm/30cm/40cm/90cm)

★Transparent



Silicone Cooking Mould (Square)



Silicone Muffin Mould (25ml/100ml/180ml)



Silicone Cooking Mould (Fish&Flower/Madeleine)



Silicone Pound Cake Mould



Silicone Round Cake Mould

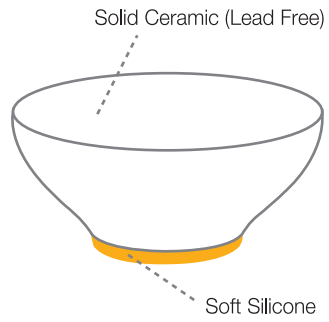


Silicone Ice Tray (Cube Type)



Silicone Ice Mould (Mini)

Products



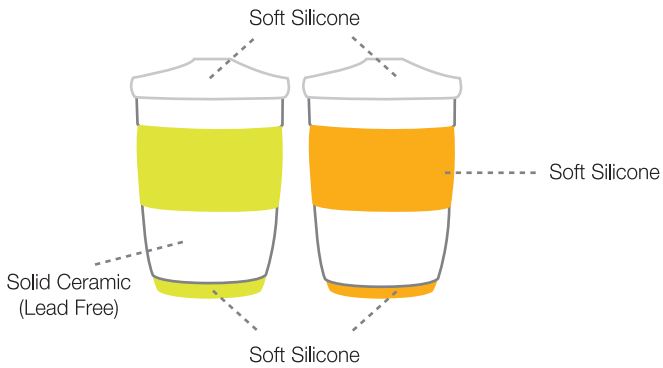
Bowl (250ml, 450ml, 830ml, 1500ml)



Ceramic Bottle & Cup



Mixing Bowl (2700ml)



Mug (450ml)

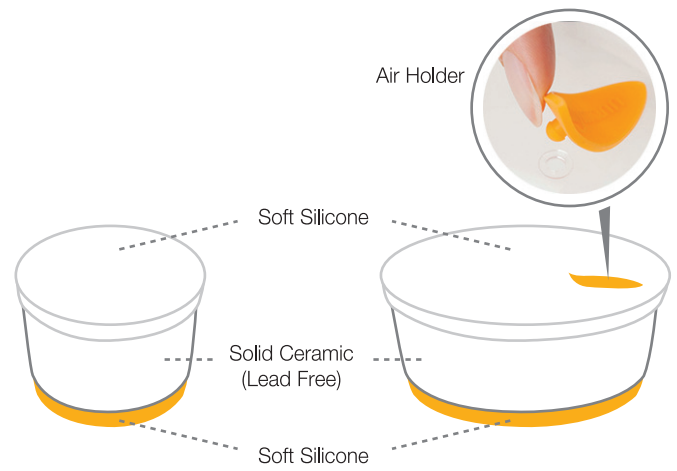


Table ware (55ml, 80ml, 100ml, 145ml)



Storage ware (250ml, 450ml, 830ml, 1500ml)



Canister (230ml, 420ml, 740ml)

