



COMPANY PROFILE

HONG KONG:
UNIT 413, MANHATTAN CENTRE,
8-15 KWAI CHEONG ROAD,
KWAI CHUNG,
HONG KONG

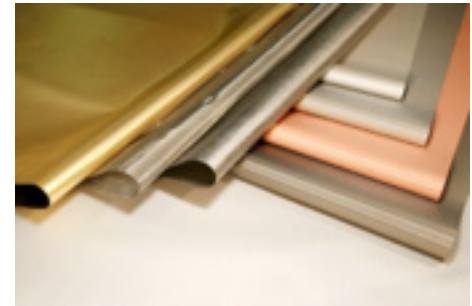
SINGAPORE:
67, AYER RAJAH CRESCENT,
#04-09,
AYER RAJAH INDUSTRIAL ESTATE,
SINGAPORE 139950.

COMPANY BACKGROUND

- Established since 1987
- Business and engineering development
- Factories located in Singapore, China, Korea and Malaysia.
- Material Development
 - Functional Elastomer, Electrically Conductive Elastomer, Thermally Conductive Elastomer, ESD Compound
 - Plastic
 - EMC Formulation
 - Specialty Polymer
 - Beryllium Copper Spring Fingers, Photo Etching Capability
- Precision Material Processing
 - Die Cut
 - Elastomer Compression Moulding



Fabric Over Foam Gaskets

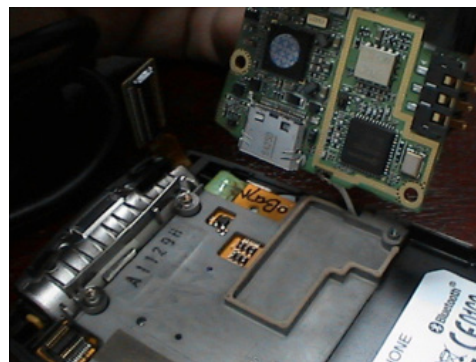
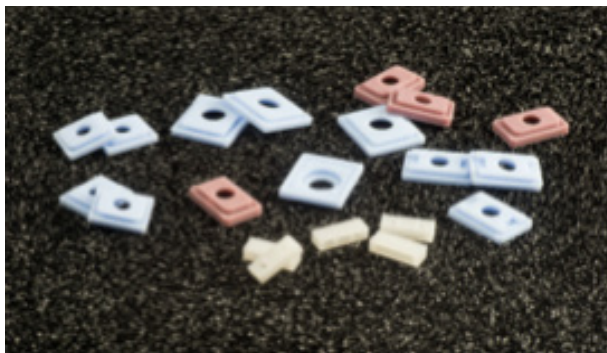


1. COMPRESSION MOULDED PARTS

- Food Grade
- Medical Grade
- High Precision
- Custom Formulation

2. FIPG (Form in Place Gasketing)

- High Frequency Shielding
- Low Compression Silicone
- RTV Cured Gasketing
- Strong Adhesive to many substrates

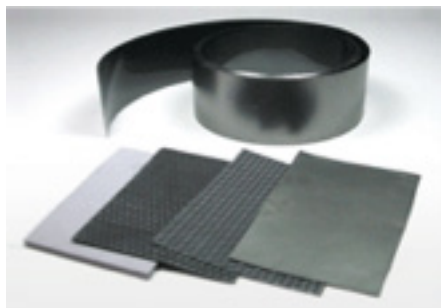
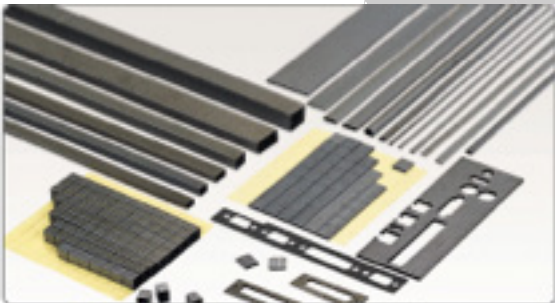


PRESENT

- Hong Kong / Singapore
Business, Engineering, and Manufacturing
- Batam - Indonesia
Manufacturing
- Korea
Manufacturing

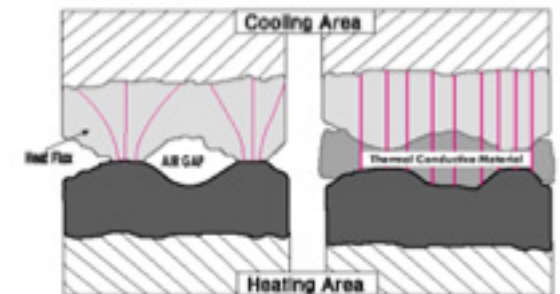


KOREA
CHINA
HONG KONG
MALAYSIA
SINGAPORE



FUNCTIONAL ELASTOMER DIVISION

- Company specializing in functional elastomer, including the following properties for mobile communication and consumable electronic products.
- Unique Manufacturing Process
 - Silicone Foaming
 - Silicone Color Matching
 - Robotic Dispensing System
- Special Elastomer Materials
 - Silicone Rubber
 - Conductive Elastomer (up to $0.005 \Omega/\text{cm}$)
 - Thermoplastic Polyurethane
 - Thermoplastic Olefins
- Functionality
 - Vibration
 - Electrically Conductive
 - Thermally Conductive
- Tailored Elastomer Compounding
- Base material is compounded by engineered silicone rubber with additives to cater for mobile electronics applications



Our Material DNA

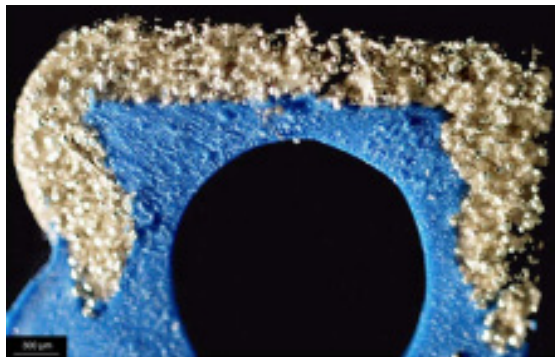
| Common Name | Abbreviation | Low Temp (°C) | Max Temp (°C) | Oil/Fuel Resistance | Weather Resistance | Hardness Range |
|-----------------------------|--------------|---------------|---------------|---------------------|--------------------|----------------|
| Polynorbornene Rubber | PNR | -40 | 70 | Poor | Good | 15-50 |
| Hydrogenated Nitrile Rubber | HNBR | -50 | 150 | Good | Fair | 50-90 |
| Acrylic Rubber | ACM | -10 | 150 | Good | Good | 50-80 |
| Ethylene Acrylate Rubber | AEM | -30 | 160 | Good | Good | 50-80 |
| Nitrile Rubber | NBR | -30 | 120 | Good | Poor | 40-90 |
| Natural Rubber | NR | -60 | 75 | Poor | Poor | 45-90 |
| Styrene Butadiene Rubber | SBR | -55 | 85 | Poor | Poor | 40-90 |
| Ethylene Propylene Rubber | EPDM | -50 | 150 | Poor | Excellent | 30-90 |
| Chlorobutyl Rubber | CIIR | -60 | 120 | Poor | Excellent | 30-80 |
| Silicone Rubber | VMQ | -50 | 250 | Poor | Excellent | 30-80 |
| Fluorosilicone Rubber | FMVQ | -50 | 230 | Good | Excellent | 40-80 |
| Epichlorohydrin Rubber | ECO | -40 | 135 | Good | Good | 60-80 |
| Chlorosulphonated | CSM | -25 | 120 | Moderate | Good | 60-80 |
| Polyurethane Rubber | PU | -30 | 80 | Good | Good | 40-90 |
| Perfluoro Elastomer | FFKM | --- | 300 | Excellent | Good | 65-80 |
| Chlorinated Polyethylene | CPE | -40 | 150 | Moderate | Excellent | 50-80 |
| Chloroprene Rubber | CR | -40 | 100 | Poor | Good | 50-80 |
| Fluoroelastomer | FKM | -18 | 200 | Excellent | Good | 30-80 |

- Tailored Elastomer compounding
- Base material is compounded by engineered silicone rubber with additives to cater for mobile electronics applications.



MATERIAL DIVISION

Electrical Conductive Elastomer Materials



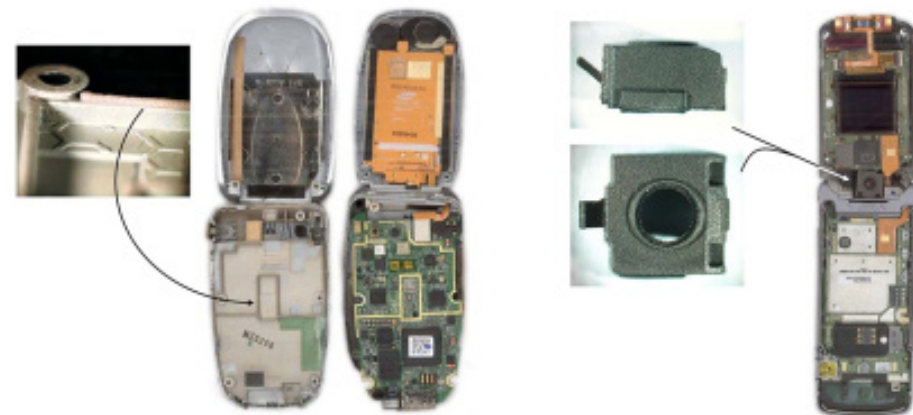
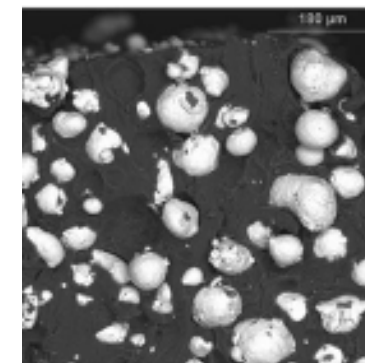
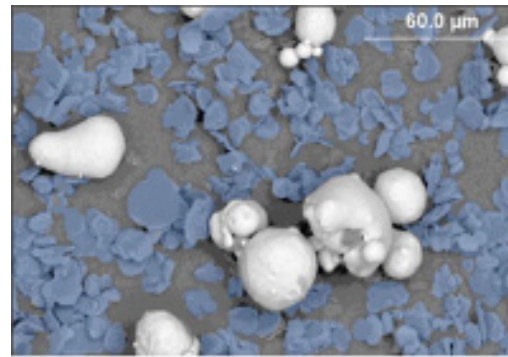
Manufacturing Method:

Co-extrusion/ Extrusion/ Compression and Injection Moulding

Filler: Silver, Silver Glass, Silver Aluminium, CNT, Nickel Graphite

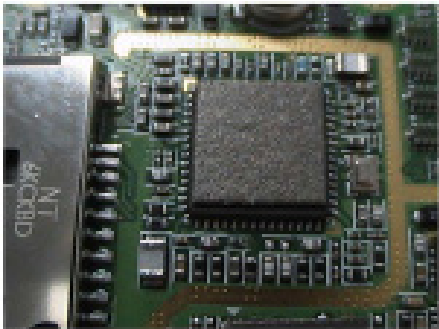
Electrically Conductive: Carbon, Tungsten Graphite

Thermal Conductive Elastomer Materials



APPLICATIONS

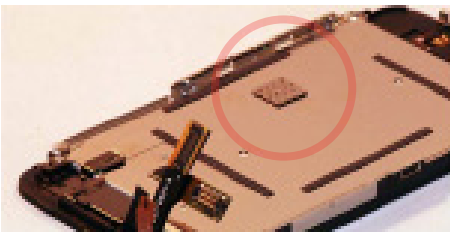
- Our EMC solution can be applied to improve the device performance in shielding.



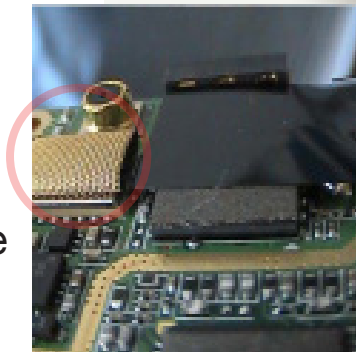
Absorber



Conductive
Cushions



XYZ Conductive
Sponge



Fabric Over Foam
Gaskets

