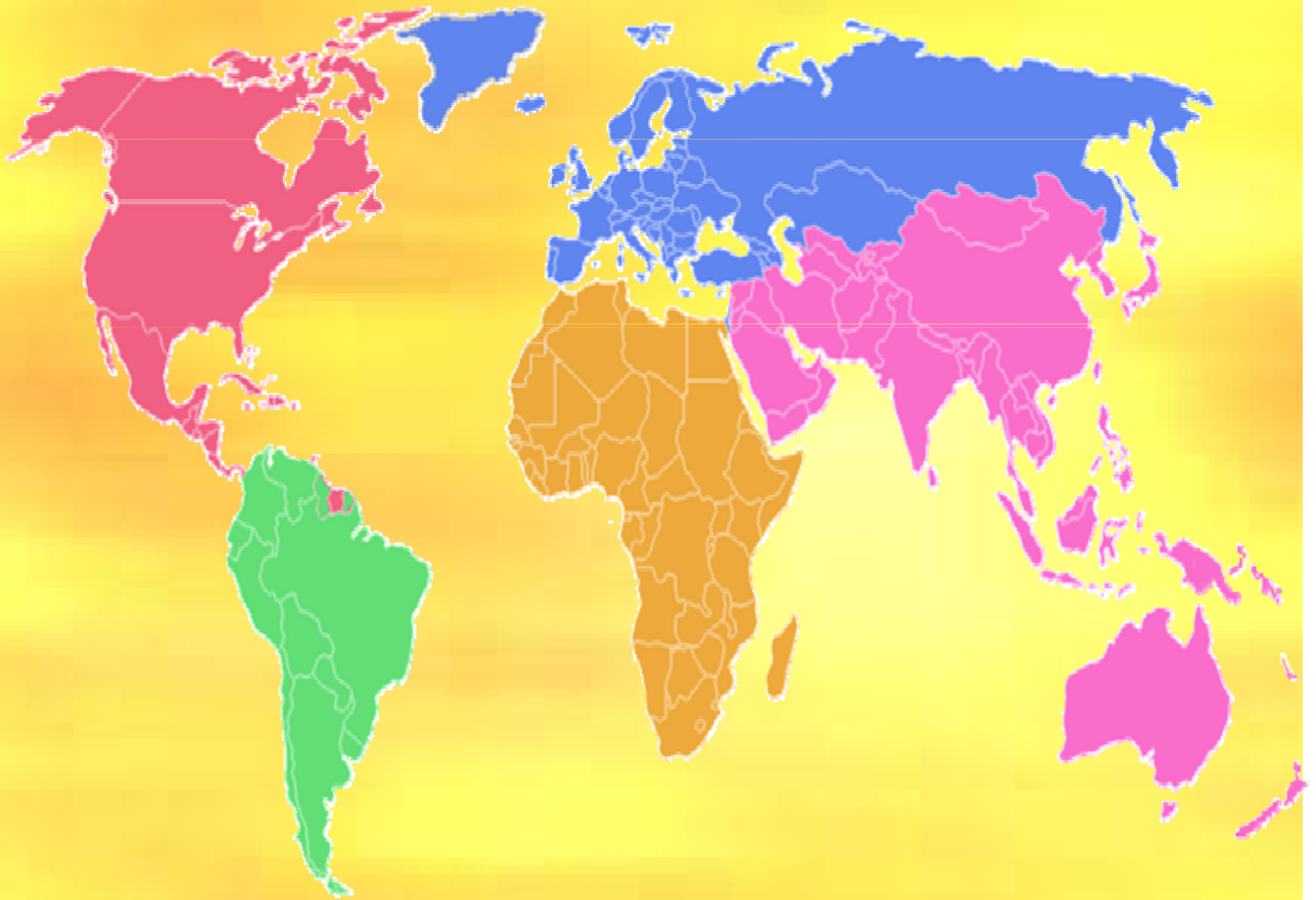




偉達電器工業有限公司

**VITAL MART INDUSTRIES SDN BHD**

(Co. Reg. No. 255234-T)



## Magnet Wire / Enamelled Wire

Magnet wire or enamelled wire is a copper or aluminium conductor coated with a very thin layer of insulation. It is used in the construction of transformers, inductors, motors, speakers, hard disk head actuators, potentiometers, electromagnets, and other applications which require tight coils of wire.



- Enamelled Copper Wire
- Polyesterimide Enamelled Copper Strip
- Double Fiberglass Covered Copper Wire (Round & Rectangular)
- Enamelled Aluminum Wire
- Nomex Covered Aluminum Wire
- Double fiberglass Covered Aluminum Wire (Round & Rectangular)

Single Coating: Polyurethane (130°C),  
Polyester (155°C),  
Polyesterimide (180°C - 200°C),  
Polyamide (200°C - 220°C)

Double Coating: Self-Bonding Polyesterimide (180°C),  
Polyesterimide Polyamide-imide (200°C - 220°C)

Tripple Coating: Polyesterimide overcoated Self-Lubricate Polyamide-imide (200°C - 220°C)

Specification: JIS STD , BS STD , NEMA STD , UL STD , IEC



Enamelled Wire



Fiberglass Wire



Nomex Covered Aluminum Wire

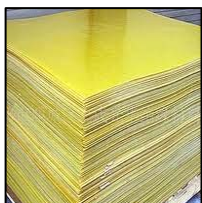


## Composite Material

Composite materials, often shortened to composites or called composition materials, are engineered or naturally occurring materials made from two or more constituent materials with significantly different physical or chemical properties which remain separate and distinct within the finished structure.



- Pure Nomex (Dupont)
  - Nomex Film (Vonroll Isola / Isovolta)
  - Polyester Film
  - Green / Yellow Polyester Paper
  - Brown / Blue Leatheriod / Slot Paper
  - Bakelite Sheet (4' x 4')
  - Micanite Sheet (Grey, 500degC)
  - Red Fiber
  - Epoxy Glass Cloth Laminated Sheet (G11 & G10)
- Range: 0.05mm - 0.76mm  
Range: 0.13mm - 0.47mm  
Range: 0.019mm - 0.35mm  
Range: 0.13mm - 0.40mm  
Range: 0.13mm - 0.50mm  
Range: 0.80mm - 30.0mm  
Range: 0.15mm - 1.00mm  
Range: 0.50mm - 3.00mm  
Range: 0.50mm - 5.00mm



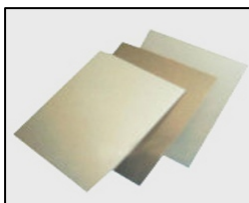
Epoxy Sheet



Nomex



Bakelite Sheet



Micanite Sheet



Polyester Film & Paper



## Cable

A cable is most often two or more wires running side by side and bonded, twisted or braided together to form a single assembly, but can also refer to a heavy strong rope. In mechanics cables, otherwise known as wire ropes, are used for lifting, hauling and towing or conveying force through tension. In electrical engineering cables are used to carry electric currents. An optical cable contains one or more optical fibers in a protective jacket that supports the fibers.



- PVC Cable
- Flexible Cable
- Neuprene Cable
- Marine Cable
- Armoured Cable
- Non-Armoured Cable
- ABC Cable
- Welding Cable
- Insulated S.Rubber Sheathed Flexible Cord
- Fire Resistance Cable
- Auto Cable

*(For special sizes, based on requirement)*



## Capacitor

Capacitors have many uses in electronic and electrical systems. They are so ubiquitous that it is a rare electrical product that does not include at least one for some purpose.



- Brand: "SYS" , "VDE" , "CAL" , "EAGLE" ... ..
- Type: Lighting Capacitors , Motor Running Capacitors , Motor Starting Capacitors... .
- Shape: Square & Round (Plastic / Aluminum)
- Volt: 110V , 125V , 250V , 440V , 450V... ..
- UF/MFD: Based on requirement



Lighting Capacitor



Motor Running Capacitor



Motor Starting Capacitor



Capacitor Bank

## Resin & Varnish

Organic varnishes & solventless resins are widely used in the Insulation system of electrical machines for impregnation and finishing applications. Impregnating & finishing agents offer several advantages, such as:



- Increased mechanical bonding to the winding wire
- Improved dielectric properties
- Improved thermal conductivity
- Protection to the winding against moisture & chemically corrosive environment

Supply: **Insulating Varnish, Reducer, Compound Varnish, Electrical Motor Cleaner, Transformer Oil, Hardener, Safety Solvent, Red Oxide & Etc.**



## Insulating Tapes

Electrical tape (insulating tape) is a type of pressure-sensitive tape used to insulate electrical wires and other material that conduct electricity. It can be made of many plastics, but vinyl is most popular, as it stretches well and gives an effective and long lasting insulation. Electrical tape for class H insulation is made of fiberglass cloth.



- Banding Tape
- Mica Tape
- Adhesive Teflon Tape
- Tying Tape
- Polyimide Tape
- Cotton Tape
- Pure Cotton Tape
- Masking Tape
- Opp Tape
- Contafael Tape
- Non-Alkali Fiberglass Tape
- Lemon Yellow Polyester Tape
- Harnessing Tape
- PVC Insulating tape



Non-Alkali F/Glass Tape



PVC Tape



OPP Tape



Masking Tape



Polyimide Tape



Tying Tape



Cotton Tape

## Sleevings

Fiberglass Sleeving is used as a protective sleeve on industrial hoses, hydraulic hoses, cables, wires, etc.



- VG201 Fiberglass Sleeving Coated with Polyvinyl Chloride Resine
- VG202 Fiberglass Sleeving for Carbon Brush
- Varnished Teteron Sleeving
- 1500V Fiberglass Sleeving Coated with Silicone Resin
- 2500V Fiberglass Sleeving Coated with Silicone Resin
- Heat Shrinkable Sleeving / Tube



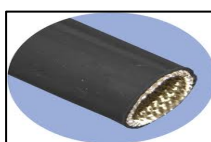
VG201



VG202



1500V



2500V



Heat Shrinkable



## Soldering

Soldering is a process in which two or more metal items are joined together by melting and flowing a filler metal (solder) into the joint, the filler metal having a lower melting point than the workpiece.



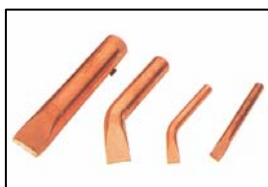
- Soldering Lead - 250grms / 500grms / 1kgs
- Soldering Paste - 02 OZ / 16 OZ (1LB)
- Soldering Bar
- Soldering Iron
- Soldering Bending Head



Soldering Iron



Soldering Bending Head



Soldering Lead



Soldering Bar

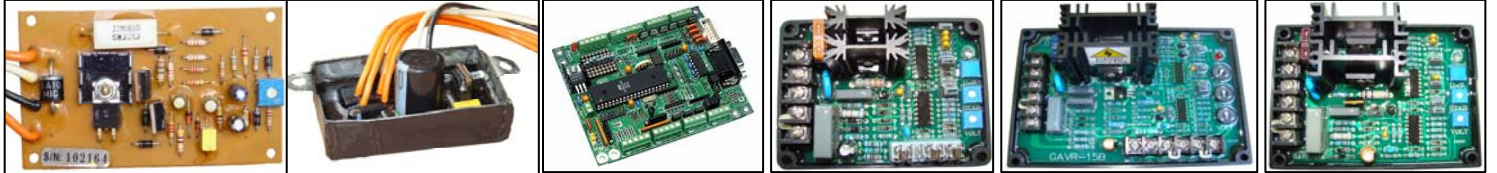


Soldering Paste

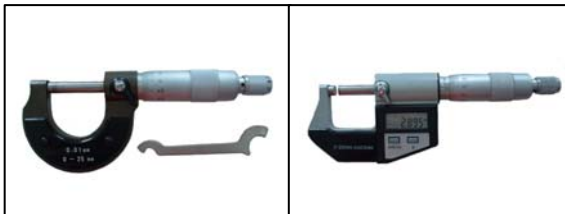
## Hand-Operation Coiling Machine



## Generator AVR



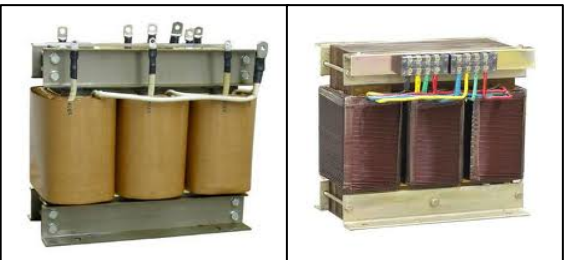
## Micrometer



## Wire Stripper



## Auto Transformer



## Regulator Transformer



## Multitester Products





## Electrical Products



MCB



Magnetic Contactor



RCCB

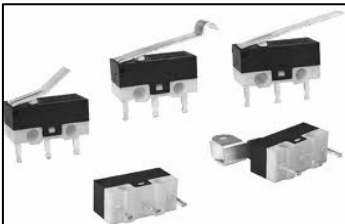
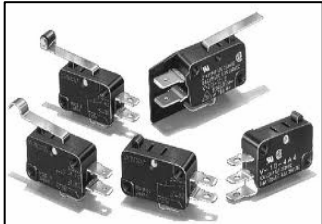


MCCB



Thermal Overload Relay

## Switches Products

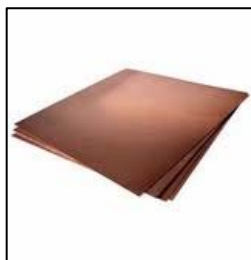


## Buzzer, Tower Light & Warning Light





MISC



Copper Sheet



Copper Strip



Copper Flat Bar



Diamond Coil



Thermistor Wire



Cable Tie



PVC Connector



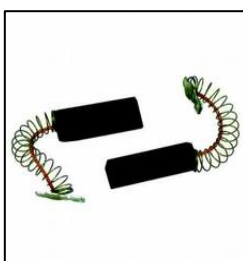
Silicone Wire



Centrifugal Switch



Motor Terminal Block



Carbon Brush



PVC Hammer



Rheostat



Motor Fan Cover



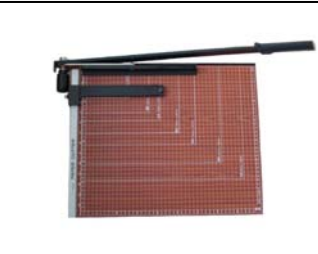
Bolt & Nut



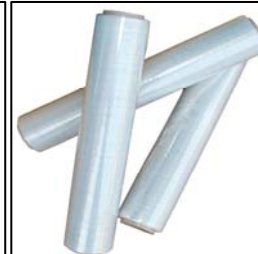
Cable Clip



Fluorescent



Paper Cutter



Stretch Film



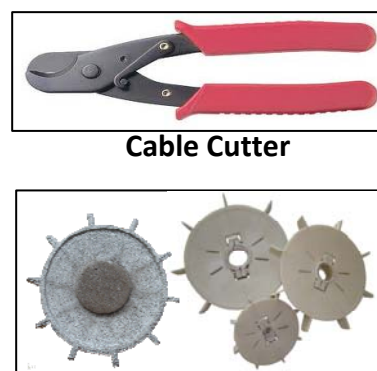
Disconnectors



Bearings



Motor



Motor Fan Blade



Cable Link



Cable Lug



Cable Gland



Commutator



Slip Ring



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(Co. Reg. No. 255234-T)

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