

# **THOMSUN**

**GENERAL TRADING LLC**

▶▶▶ INNOVATION ▶ QUALITY ▶ SERVICE ▶▶▶



# THOMSUN

ELECTROMECHANICAL DIVISION

One Stop Shop Electro Mechanical  
Solution Provider



# C O M P A N Y P R O F I L E



## Introduction

**THOMSUN** was established in the year 1976 in Dubai by directors Mr. K. V. Thomas, Mr. V. T. John and Mr. P. Srinivas. The vision and work ethic etched out over the years with the foresight to diversify into new disciplines at the right times have seen the activities of the group grow to become the multi-faceted and diversified entity it is today. With a strong history and credibility, Thomsun over the years has business interests in various core industries in the Gulf and Indian subcontinent.

Steered by visionary professionals and powered by the intelligent use of technology, the Thomsun group, a 3000 strong work force, has marked many entrepreneurial built on strong fundamentals, the Thomsun Group has emerged as a market leader in the sectors it functions in through its focused approach, strong market intelligence, attention to details, sound deployment of modern technology and a commitment to quality.

- Electromechanical
- Professional & Consumer Electronics
- Audio visual & consulting
- Music Education
- Printing & Packaging
- Pre-Press & Digital Printing
- Display Solution
- Logistics & Distribution
- Food Processing & Supplies
- Supermarket & Bakeries
- Furniture
- Lighting
- Sea food Processing & Trading
- Meat & Vegetable Processing & Trading





## THOMSUN MECHANICAL PRODUCTS

### T-MECH PPR PIPES & FITTINGS



Thomsun Industries LLC is highly acclaimed manufacturer and supplier of mechanical products for the construction sector under the brand T-MECH.

#### Application

- Potable water supply in residential buildings, hospitals, hotels etc;
- Heating pipe for residential building.
- Pipe networks for rainwater utilization System, swimming pool facilities.
- Pipe network for agricultural and Horticultural use.
- Industrial use for transport of pressurized air and aggressive fluids (acids, etc);

#### Advantage

- Corrosion resistance
- Non toxic
- Low thermal conductivity
- High impact strength
- Low pressure loss
- Long service life
- Recyclability

#### Raw material

- Polypropylene random copolymer Type 3, PPR – 80.

#### Product range

- 20mm to 110mm

#### Certifications in process

##### DVGW GERMANY

Test Certificate based on KTW recommendation for material in contact with drinking water.

##### SKZ GERMANY

Plastic Institute for testing and monitoring of production

##### HYG GERMANY

Department of water hygiene is a testing laboratory for safety of materials and products

#### Standards and Regulations

DIN 8076	DIN 16962
DIN 8077	DIN 8078



### T-MECH PIPE SUPPORT SYSTEM



- Clevis Hanger
- Sprinkler Hanger
- Rubber Lined Split Clamp
- Plain Split Clamp
- Nail Clamp
- Offset Clamp ("A" Clamp)
- Rubber Lined Offset Clamp ("A" Clamp)
- "U" Bolt Clamp
- Channel Clamp
- "U" Clamp (Heavy Saddle)
- Rubber Lined "U" Clamp (Heavy Saddle)
- Conduit Clamp (Half Saddle)



Electro Galvanised as per  
ASTM B 633 Standards

### T-MECH THREADED ROD



Trade Size	Diameter mm	Thread Pitch	Specification Class	Length (Meter)
M6	6	1	DIN975 Class 4.6	2
M8	8	1.25	DIN975 Class 4.6	2
M10	10	1.5	DIN975 Class 4.6	2
M12	12	1.75	DIN975 Class 4.6	2
M14	14	2	DIN975 Class 4.6	2
M16	16	2	DIN975 Class 4.6	2
M18	18	2.5	DIN975 Class 4.6	2
M20	20	2.5	DIN975 Class 4.6	2
M22	22	2.5	DIN975 Class 4.6	2
M24	24	3	DIN975 Class 4.6	2







## SS FLOOR DRAIN OUT & SS SHOWER GRATINGS



Made in India

TMECH SS Floor Drain out produced in high quality Non magnetic SS304 and SS316 grade.

The products are available with 3 variants.

- SS Floor Drainout – 3pc. Body + Screwed grating + Lid.  
Size: 200mm, 150mm, 109mm, 79mm 63mm.
- SS Floor Drainout – 2pc. Body + Lid.  
Size: 200mm, 150mm, 109mm, 79mm 63mm.
- SS Floor Drainout – 2pc. Body + Screwed grating.  
Size: 200mm, 150mm, 109mm, 79mm 63mm.



## FANS



- Shutter Exhaust Fans
- Industrial Exhaust Fans
- Window Exhaust Fans
- Heavy Duty Exhaust Fans
- Ceiling Exhaust Fans
- Pedestal Stand and Wall Fan
- Bathroom Exhaust Fans
- Mist Fan - Pedestal Stand and Wall type



Model	Rated Voltage (V)	Input (W)	Air-flow (M <sup>3</sup> /h)	Noise (dB)	Size (mm)
TM15-3	220-245	15	260	37	150
TM20-4	220-240	25	420	39	200

## T-MECH Flush GI BOX



Made in UAE

- T-Mech Flush mounting metal (GI) box are manufactured with high quality Galvanised steel in compliance with BS4662:2006.

Code	Size	Deep	Thickness	Terminal
TMGI33359	3" x 3"	35mm	0.9mm	brass
TMGI333511	3" x 3"	35mm	1.1mm	brass
TMGI36359	3" x 6"	35mm	0.9mm	brass
TMGI363511	3" x 6"	35mm	1.1mm	brass
TMGI334711	3" x 3"	47mm	1.1mm	brass
TMGI364711	3" x 6"	47mm	1.1mm	brass



## T-MECH PVC SOLVENT CEMENT



Made in UAE

### T100

- Meets or Exceed USA standard ASTM D-2564  
PVC Pipes and Fittings SCH40 / SCH80 / PN16
- Up to 12" Dia
- Heavy duty / Clear / Fast set

### T200

- For PVC Conduit Pipes and Fittings
- Medium Duty / clear jointing cement
- Available in 237ml and 473ml



Shelf life of 3years





## Wavin AS Low Noise Soil & Waste System



Made in Germany

Wavin AS is the complete low-noise soil and waste system made of Astolan. Astolan is especially developed to dampen sound. With Wavin AS you can reduce noise inside a (high-rise) building's soil and waste system to an absolute minimum.

### Alternative to cast iron

- Wavin AS is the plastic alternative to cast iron.
- High density & big wall thickness.
- The use of Astolan material make the Wavin AS system unique and best in class.

### Applications

- High -rise buildings
- Hotels
- Hospitals
- Residential Buildings
- Office Buildings
- Schools & Libraries

### Quality Conformity & Certification

- Fraunhofer - Germany
- DiBt - Germany
- Watermark - Australia
- RAL - Germany
- ETA - Denmark
- SINTEF - Norway
- SITAC - Sweden
- LABC system - UK



Noise reduction upto 14db  
Range: DN56 - DN200



## Wavin SiTech Low Noise Soil & Waste System



Made in Italy

Wavin SiTech (PP) is a cost-effective low-noise soil and waste system. Noise, especially reducing noise, is an important aspect in the interior design of buildings.

- Three layered pipe made from copolymer polypropylene
- Noise insulating three layer structure
- Proven acoustic insulation performance
- available in sizes 32, 40, 50, 75, 90, 110, 125 & 160 mm

### Application :

- All kind of commercial and residential buildings
- hospitals & libraries.
- hotels
- social or healthcare buildings
- offices and apartment buildings

### Application Standards

Internal gravity drainage:  
EN 12056-01  
DIN 1986 - 100  
DIN-CERTCO-Richtlinien

### Application Standards



## HDPE soil & waste systems



Made in Netherlands

Akatherm HDPE soil & waste systems are made from polyethylene, a durable material with a very long lifetime.

- Durability
- Low cost of ownership
- Elasticity and exibility
- Chemical resistant
- Hot water resistant
- Impact-resistant and tough



Range: Dia 40 - 315mm

### Quality and Certification



Made in Greece

37 years of experience and high quality products guarantee the use of solar energy in the most effective way!

Sole produces solar thermal collectors, thermosyphon solar water heaters, compact solar water heaters and undertakes projects for sanitary or process hot water, room heating, pool heating and Solar Air Conditioning







A market leader in electrical accessories, data communications, industrial and home automation markets, the Clipsal name is synonymous with quality.



Clipsal Rigid PVC conduits are designed and manufactured in accordance with BS EN 50086/IEC 61386 standard requirements.

- **PVC Conduit & Fittings**
- **Conduit Mounting Accessories**
- **Junction Boxes**



With diverse portfolio in manufacturing Rexton offers a remarkably versatile range in Air movement, Heating and Ventilation, Domestic security, Door Entry Systems, Intelligent Lighting, Cable Management and Data storage.

The company has established global distribution network through its operations in UK, North America, Middle East and Sub continent.

- **Conduits and Accessories**
- **Cable Management Systems**
- **Raised Floor Boxes**
- **Data Cabinets**
- **Extension Sockets**



## COMPLETE LIGHTING SOLUTION

Manufacturer of highly engineered lighting fixtures and the provider of quality lighting solution, strives for greater customer awareness of our products & provide a wide range of lighting products under our brand. Today the name T-light has a considerable weight in the local and international market place and will continue the purposeful and the consistent work to further develop our range of products, quality and presentation.

- LED lighting solution
- Conventional lighting solution
- Decorative lighting solution
- Outdoor lighting solution
- Facade lighting solution
- Architecture lighting solution
- Street lighting solution



T-light LED lighting brings you a comprehensive range of commercial lighting which has been designed & developed to the highest standards for industrial, commercial and domestic market. The well designed modern luminaires offer customers a wide variety of product for their indoor & outdoor lighting.





### Wiring Devices ( Switch & Socket )

- Weatherproof Range
- Weatherprotected Series
- Metalclad Accessories
- Multi-gange Switch Plates
- GI Boxes
- Ultimate
- ULTI Impress
- Pieno
- Vivace
- Merten



### Low Voltage System

- Final Distribution Devices, MCB, MCCB, ELCB
- Isolator
- Contractor
- Relays
- Change Over / Earth Leakage Protection
- Control and Protection Components
- Bus Bar
- Cable Management System
- Data Cables CAT6
- Floor Boxes



## Ducab دوطاب

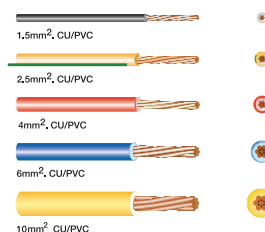
### Low Voltage Cables

- For voltage range 600/1000V
- 1900/3300V systems to IEC and BS Specifications
- Operating temperature up to 90° C



### Building Wires

- Manufactured in sizes of 1.5mm<sup>2</sup> / 2.5mm<sup>2</sup> / 4mm<sup>2</sup> / 6mm<sup>2</sup> / 10mm<sup>2</sup>
- Rated 450/750V as per BS 6004
- Operating temperature up to 70° C
- Manufacturing to higher temperature PVC



### DuFlex - Flexible Cables

- Cables and wires to the Harmonized Determination
- Flexible Conductor for fixed laying
- Flexible Multi - Core



- Voltage designation U0/U  
03: 300/300 V  
05: 300/500 V  
07: 450/750 V
- Operating Temperature  
V: up to 70° C  
V2: up to 90° C

### Fire Resistant Cables

- Conforms to requirements F-2 of BS 7846 and C-W-Z of BS 6387
- Cables type tested and certified by Lloyd's Register, UK



Fire performances Cables

### Medium Voltage Cables

Made to IEC6052-2 Specifications and can be manufactured as per client specific requirements. The standard voltage grades include:

- 3800/6600V
- 6350/11000V
- 8700/15000V
- 12700/22000V
- 19000/33000V



3 core 240 mm² 33 kV armoured (also available with unarmoured)

22 kV single core copper conductor aluminum wire armoured

### High Voltage Cables

- Voltage grades up to 132 kV
- Super-clean XLPE insulated
- Type test certificate by KEMA



1C x800mm² 132 kV High Voltage Cable

### Instrumentation and Pilot Cables

Type 1 Unarmoured Cables Single and multi-pairs, individual and overall screened, PVC outer sheath

Type 2 Armoured Cables-Single and multi-pairs, PE Insulated, overall screened, Armoured, PVC outer sheath

Type 3 Lead Sheath Cables-Single and multi-pairs, PE Insulated, overall screened or individual and overall screened, lead alloy: armoured, PVC outer sheath



instrumentation cable

### Leadsheath Cables

- The Leadsheath provides protection against corrosive attack and ingress of harmful fluids into the cable
- Manufactured to EEMUA and IEC guidelines for oil, gas and petrochemical sector



4C 240mm², 11kV Leadsheathed

### Duconnect

- Glands
- Lugs
- Cleats





## UAE

New York University

Novotel

Shangrilla Hotel

Sheikh Khalifa Medical City Dialysis Center (SKMC)

Sofitel - Palm Jumeirah

Sustainable City

Traders Hotel

Viceroy Hotel Dubai Palm Jumeirah

Zulekha Hospital

QATAR

## Al Mana Twin Towers

Al Misnad Towers - West Bay

Barwa Financial Disctrict

Beverly Hills - West Bay

City Center

La Cigalle Hotel - Alsadd

Mall of Qatar

Medina Centrale - The Pearl Qatar

Movenpick Hotel - West Bay

Qatar Petroleum HQ

Regency Tower - West Bay

## The Pearl Island - Qatar

## Notes

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**THOMSUN**  
**GENERAL TRADING LLC**

P.O. Box: 6419, Dubai, UAE  
Tel: +971 4 885 4000, Fax: +971 4 885 1010  
E-mail: [info@thomsunin.ae](mailto:info@thomsunin.ae)

**THOMSUN**  
**INTERNATIONAL WLL**

P.O. Box 7277, B-Ring road, Doha, Qatar  
Tel: +974 4037 2293, Fax: +974 4481 4758  
E-mail: [info@thomsunin.ae](mailto:info@thomsunin.ae)

**[www.thomsun.ae](http://www.thomsun.ae)**