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# **EXPANSION JOINT** & FLEXIBLE HOSE

- STAINLESS STEEL EXPANSION JOINT & FLEXIBLE HOSE
- RUBBER EXPANSION JOINT & FLEXIBLE HOSE
- FABRIC & NON-METALLIC EXPANSION JOINT
- PTFE EXPANSION JOINT & FLEXIBLE HOSE
- STAINLESS STEEL VERTICAL MULTISTAGE PUMP
- DRY BREAK & BREAKAWAY COUPLING
- INDUSTRIAL RUBBER & PU HOSE
- SWIMMING POOL ISOLATION
- VALVE & FLUID CONTROL
- VIBRATION ISOLATION
- COMPOSITE HOSE



# **Company Profile**

# Background of Tozen group – A quality oriented organization from Japan.

Tozen Corporation. established in 1972, is the pioneer of twin-sphere rubber flexible joint in Japan and most of the Asian countries. Tozen is the market leader of rubber flexible expansion joint. Now, Tozen has about 100 employees in Japan, and over 350 employees in other countries.

The first ISO9000 company in the field in Japan.



 Industrial Hoses and Hose Management – The first qualify industrial hose assembler in Thailand certified by Dantec, UK and ISO9002.

• Vibration isolation products - selection and problem solving for all kinds of vibration isolation products.

 Valves – Comprehensive valve package for building services and general industries.

The Last Word – Tozen Industrial is not only an agent, we are the expert of flexible & expansion joint with supporting facility and total commitment in Thailand. You can count on us to solve your problems of thermal expansion, differential settlement, vibration, earthquake, unstable structure, or other applications of flexible connection.



#### **Tozen Corporation, Japan**

Tozen Industrial established in 1989 is the first flexible joint manufacturer in Thailand for both rubber and stainless steel flexible hose.

• The first ISO9000 certified company in the field. Our quality concern is not only limited in pre-sales activities. Tozen has a clear post-sales service and quality procedure to support our customer in any situation.

• Tozen industrial Home Page – Our customer can access our product information, technical data and installation instructions any time anywhere.

• Tozen product and service – An International Quality Standard available by Localization. Majority of our competitive products are produced or assembled locally with quality standard accepted by Tozen Corporation in Japan.

• All types of expansion joints and flexible hoses – The only international brand with wide range of local manufacturing facility in Thailand.

- Rubber expansion joint, sizes from 15mm to 2,000mm, current production of 120,000 pieces per year.
- Stainless steel flexible hose, sizes from 8mm to 400mm, current production of 150,000 meters per year
- Fabrication & assembly of industrial hose, sizes from 8 mm to 250 mm
- Industrial rubber hose, sizes from 50mm to 300mm, 175,000 meters.
- PTFE flexible joint, sizes from 15mm to 150mm, 34,000 pieces.

### **PRODUCTS & SERVICES**

#### Rubber Expansion & Flexible Joint

- Molded spherical type flexible joints : Tozenflex, Twinflex
- Spool type expansion joints : LS Connector
- Other rubber joints : Kingflex 20, Toughflex, Toughboy, Pure Joint,
- · Linerflex, Elboflex, U-flex, Facolex, Flexidrain, Flexidrain-S, Segulex, etc.





#### **Stainless Steel Expansion Joint & Flexible Hose**

- Corrugated stainless steel flexible hose
- Stainless steel bellow expansion joint
- High engineering expansion joint
- Bend-A-Ful

#### PTFE Expansion Joint & Flexible Hose

- PTFE expansion joint : Flonex
- PTFE flexible joint : U-Flonex  $\alpha$
- PTFE convoluted flexible hose : Poliflex, Interflex
- Bore PTFE hose (Smooth & Convoluted): XTRAFLEX

#### Fabric & Non-Metallic Expansion Joint

#### **Industrial Hose**

- ALFAGOMMA's rubber & PVC hose comply to relevant ISO, DIN, BS or EN standards
  - Fuel & Oil hose
  - Chemical Hose
  - Compressed air hose
  - Steam & hot water hose
  - Material handling & sandblast hose
  - Water hose-Food hose
  - Food hose
- MASTERFLEX high-tech polyurethane & synthetic hose

#### **Composite Hose – DANTEC hoses comply to relevant** BS standard, United States Coastguard & IMO code

- Fuel & Oil hose: 100% aromatic
- Chemical hose: Polypropylene or PTFE lining
- Cryogenic hose: -200°C to +80°C working temperature
- Fire safe composite hose: The only hose approved by the Safety Committee of Formula One Racing Car for refuelling





#### **VALVE & FLUID CONTROL PRODUCTS**

- Butterfly valve, motorized & manual operated
- Ball valve, motorized & manual operated
- Check valve, spring loaded dual plate
- Gate valve, bronze & brass
- Y-strainer, bronze & cast iron
- Pressure reducty valve
- Fancoil Valve Prefab Kit



#### **VERTICAL MULTISTAGE PUMP & BOOSTER PUMP SET**

 Fresh water pump Booster pump set





**VIBRATION ISOLATION PRODUCTS** 



### RUBBER EXPANSION JOINT & FLEXIBLE HOSE



TOZENFLEX



TWINFLEX



TWINFLEX INTEGRATED



LS CONNECTOR



TWINFLEX S20



FLEXIDRAIN







## PTFE EXPANSION JOINT & FLEXIBLE HOSE











FABRIC & NON-METALLIC EXPANSION JOINT

**PTFE** CONVOLUTED & SMOOTHBORE FLEXIBLE HOSE

## **STAINLESS STEEL FLEXIBLE HOSE**



SF100



SF6700







SF7800







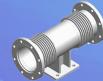
**U-Loop** 



## **STAINLESS STEEL EXPANSION JOINT**



SJT1100



SJT1200



SJT2100

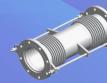


SJT2200





SJT4100















**HIGH ENGINEERING METAL EXPANSION** JOINT







## **INDUSTRIAL RUBBER HOSE:**



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- COMPRESSED AIR
- WATER & LIQUID
- ACIDS & CHEMICALS
- BULK MATERIALS MULTIPURPOSE
- HOT WATER & STEAM FUEL & OIL
- LIQUID & BULK FOOD
  CONCRETE, GUNITE & SANDBLAST



# **Masterflex PU & SYNTHETIC** HOSE:

- ABRASIVE MEDIA
- SOLID, LIQUID, POWDER, GASEOUS MEDIA
- GLASS, STONE, GRAVEL, CEMENT
- WOOD WASTE
- PAPER FIBRE

TODO

- HOT & COLD AIR, STEAM
- FOOD, PHARMACEUTICAL, CHEMICAL



INDUSTRIAL RUBBER HOSE

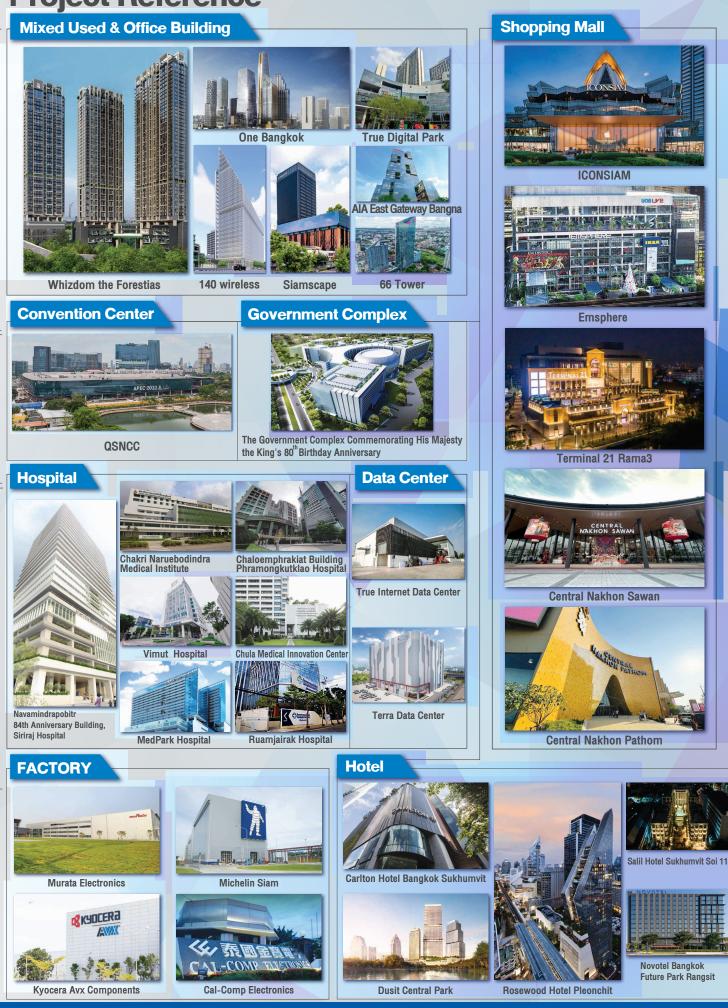
## **COMPOSITE HOSE:**

- DANCHEM CHEMICAL HOSE
- DANOIL PETROCARBON HOSE
- DANFLON PTFE HOSE
- DANCHEM CRYOGENIC HOSE
- VAPOUR RECOVERY HOSE
- FIRESAFE HOSE





## **Project Reference**



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