

The logo for TOZEN, featuring the word "TOZEN" in a bold, black, sans-serif font. The letter "O" is stylized as a circle with a horizontal line through its center. The logo is centered within a white circle on a blue background.

TOZEN

INDONESIA
CATALOG

CORPORATE PROFILE

TOZEN CORPORATION

Establishment Date August 03, 1972

Address 8 - 4, Asahi, Yoshikawa
Saitama 342-0008, Japan

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Fax No. +81-48-993-1038

Website www.tozen.com

Associated Companies Tozen International Pte. Ltd.
Tozen Corporation (S) Pte.Ltd.
Tozen (HK) Ltd.
Tozen (M) Sdn. Bhd.
Tozen (Thailand) Co., Ltd.
Tozen Industries Co., Ltd.
Tozen Corporation Vietnam Co., Ltd.
Tozen Philippines, Inc.
PT Tozen Mechanical Products
Shanghai Tozen M & E Products Co., Ltd.
Shanghai Tozen Rubber Industrial Co., Ltd.
Rite Dimension Sdn. Bhd.

Factories Saitama, Japan
Shanghai, China
Bangkok, Thailand
Serang, Indonesia
Ipoh, Malaysia

No. of Employee ±500 persons

Nature of Business

- Manufacturing and sales of construction, civil, mechanical and piping related products.
- Rubber flexible & expansion joints, stainless steel flexible & expansion joints, Teflon flexible & expansion joints, noise & vibration control products and various industrial rubber products.
- Valves, fittings, pipes, pumps, other piping materials and equipment, etc.



TWINFLEX (Double Bellow Rubber Joint)

Size	: 20 mm – 600 mm
Material	: Synthetic Rubber
Pressure	: 20 bar (20 mm – 150 mm) 16 bar (200 mm – 300 mm) 10 bar (350 mm – 600 mm)
Temperature	: -10 - 70°C
Type	: Double bellow, Flange
Description	: Use for piping system in commercial & industrial plant with applicable fluid (water including cold water)
Connection	: Flange JIS, PN, ANSI



OFLEX/OFLEX-H (Single Bellow Rubber Joint)

Size	: 32 mm – 300 mm
Material	: Synthetic Rubber
Pressure	: 16 bar
Temperature	: -10 - 70°C
Type	: Single bellow, Flange
Description	: Use for piping system in commercial & industrial plant with applicable fluid (water including cold water, warm water, sea water)
Connection	: Flange JIS, PN, ANSI



TWINFLEX S (Double Bellow Rubber Joint Screwed Type)

Size	: 15 mm – 50 mm
Material	: Synthetic Rubber
Pressure	: 16 bar (200 mm – 300 mm)
Temperature	: -10 - 70°C
Type	: Double bellow, Screw, Small pipeline
Description	: Use for piping system in commercial & industrial plant with applicable fluid (water including cold water)
Connection	: Screw



LS CONNECTOR

Size	: 15 mm – 1500 mm
Material	: Synthetic Rubber
Pressure	: 10 bar
Type	: Underground, Flange
Description	: Use for piping system in commercial & industrial plant with applicable fluid (water including drainage water, sewerage water) especially for underground
Connection	: Flange JIS, PN, ANSI

*Custom Order

OTHER PRODUCTS



Tozenflex



Tozenflex S



Toughboy



BF-Connector



Purejoint



Toughlex



Elbowflex



Linerflex



Kingflex-20



Dolnex



Flexidrain



LV Connector



LC Connector



LS Connector G



LS Connector G





SFI-100 (Stainless Flexible Joint Screw Type)

Size	: 15 mm – 50 mm
Material	: Stainless steel braid
Pressure	: 10 bar / 16 bar
Temperature	: 220°C
Type	: Flexible hose, Union
Description	: Use for plant piping, water piping and tank with applicable fluid (oil, water, chemical)
Connection	: Screw



SFI-600 (Stainless Flexible Joint Flange Type)

Size	: 15 mm – 300 mm
Material	: Stainless steel braid
Pressure	: 10 bar / 16 bar
Temperature	: 220°C
Type	: Flexible hose, Union
Description	: Use for plant piping, water piping and tank with applicable fluid (oil, water, chemical)
Connection	: Flange JIS, PN



JBF (Stainless Steel Expansion Joint)

Size	: 20 mm – 600 mm
Material	: Stainless steel
Pressure	: 16 bar / 25 bar
Temperature	: 200°C
Type	: Tie Rod, Flanged
Description	: Use for plant piping, water piping and tank with applicable fluid (oil, water, chemical)
Connection	: Flange JIS, PN



FACOLEX (Stainless Flexible Hose)

Size	: 15 mm – 25 mm
Material	: EPDM, Stainless steel braid
Pressure	: 20 bar
Temperature	: -10°C - 90°C
Type	: Flexible Hose
Description	: Use for piping system in commercial & industrial plant with applicable fluid (water including cooled water, warm water, sea water)
Connection	: Screw

OTHER PRODUCTS



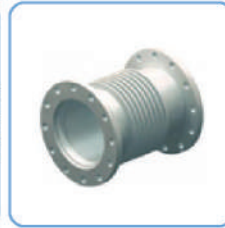
Bend-A-FUL



SF7800



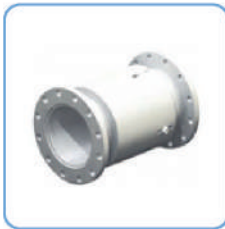
SF9800



SJT1100 Series



SJT1200



SJT2100



SJT4100



SJT8200



JBS



JBD





UFLEX (Teflon Flexible Joint)

Size	: 20 mm – 300 mm
Material	: Inner – Teflon Outer – Synthetic rubber
Pressure	: 16 bar
Temperature	: -20°C - 100°C
Type	: Flanged
Description	: Use for plant piping, commercial piping with applicable fluid (oil, water, chemical)
Connection	: Flange JIS, PN, A = ANSI



FLONEX-A (Teflon Expansion Joint)

Size	: 20 mm – 300 mm
Material	: Inner – Teflon Outer – Fluorin Resin
Pressure	: 16 bar
Temperature	: -20°C - 130°C
Type	: Tie rod, Flange
Description	: Use for waterwork, hot-water, food processing, pure water lines, pharmaceutical, and oil (except for fuel and flammable)
Connection	: Flange JIS, PN, A = ANSI



POLIFLEX (Teflon Flexible Joint)

Size	: 15 mm – 50 mm – Screwed 15 mm – 100 mm – Flanged
Material	: Inner – Teflon Outer – Stainless steel
Pressure	: 16 bar
Temperature	: -20°C - 150°C
Type	: Flexible hose, Union & Flange
Description	: Use for waterwork, hot-water, food processing, pure water lines, pharmaceutical, and oil (except for fuel and flammable)
Connection	: Flange JIS, PN, A = ANSI, Screw

OTHER PRODUCTS



Flonex-a T3



Flonex-a T5



Poliflex Soft



Poliflex T



Interflex



LT Connector



PTM-A (Single Spring Mounting)

Capacity : 10 kg – 1400 kg
Deflection : 25 mm / 50 mm / 75 mm / 100 mm
Connection : Flange JIS, PN, ANSI, Screw



PTM-AM (Multiple Spring Mounting)

Capacity : 1650 kg – 5600 kg
Deflection : 25 mm / 50 mm / 75 mm / 100 mm
Connection : Flange JIS, PN, ANSI, Screw



PTM-D (Restrained Spring Mounting)

Capacity : 450 kg – 5600 kg
Deflection : 25 mm / 50 mm / 75 mm / 100 mm
Connection : Flange JIS, PN, ANSI, Screw



PTM-D (Housed Isolator)

Capacity : 150 kg – 1400 kg
Deflection : 25 mm
Connection : Flange JIS, PN, ANSI, Screw



PTH-G (Rubber Hanger)

Capacity : 25 kg – 450 kg
Deflection : 4 mm – 6 mm
Connection : Flange JIS, PN, ANSI, Screw



PTH-S (Spring Hanger)

Capacity : 10 kg – 5600 kg
Deflection : 25 mm / 50 mm / 75 mm / 100 mm
Connection : Flange JIS, PN, ANSI, Screw



PTH-SG (Spring - Rubber Hanger)

Capacity : 10 kg – 1100 kg
Deflection : 25 mm / 50 mm / 75 mm / 100 mm
Connection : Flange JIS, PN, ANSI, Screw



PT-MAT (Rubber Pad)

Thickness : 10 mm / 15 mm / 20 mm
Static Deflection : 3 mm
Connection : Flange JIS, PN, ANSI, Screw

OTHER PRODUCTS



PTM-GP



PTM



TSU-Series



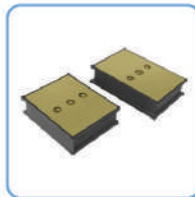
TSM-Series



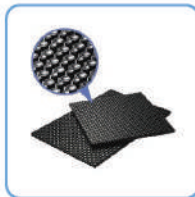
TS-Series



Rubber Bush



R Series



Dimple Pad



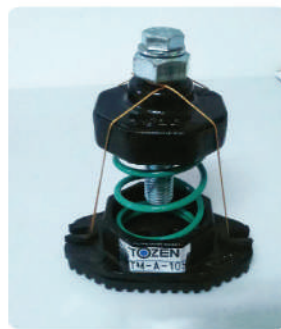
ACM



PTH-Series



JSH-Series





MOOHA (Anti Water Hammer)

Size : 25 mm – 150 mm
 Material : Casing – Mild steel
 Elastic tube – Synthetic rubber
 Pressure : 16 bar
 Type : Flange
 Connection : Flange, JIS, PN, ANSI, Screw





BFV-W / BFV-WB25

(Water Type Butterfly Valve)

Size	: 50 mm – 100 mm
Material	: Body – cast iron /Ductile iron Disc – Ductile iron /Aluminium/Stainless steel
Pressure	: 25 bar, 16 bar, 10 bar
Type	: Lever/Wormgear, Water connection
Description	: water,oil
Connection	: Flange JIS, PN



CGV (Gate Valve)

Size	: 50 mm – 600 mm
Material	: Cast iron
Pressure	: 16 bar (50 mm – 300 mm) 10 bar (350 mm – 600 mm)
Type	: Non rising stem, Flange
Description	: Water,oil, air
Connection	: Flange JIS, PN



R-CGV (Rising Stem Gate Valve)

Size	: 50 mm – 600 mm
Material	: Cast iron
Pressure	: 16 bar (50 mm – 300 mm) 10 bar (350 mm – 600 mm)
Type	: Rising stem, Flange
Description	: Water,oil, gas
Connection	: Flange JIS, PN



CGLV (Globe Valve)

Size	: 50 mm – 300 mm
Material	: Cast iron
Pressure	: 16 bar
Type	: Flange
Description	: Water,oil, air
Connection	: Flange JIS, PN



S-CGLV (S Pattern Globe Valve)

Size	: 15 mm – 300 mm
Material	: Cast iron
Pressure	: 16 bar
Type	: Flange
Description	: Water, oil, steam
Connection	: Flange JIS, PN



CDCVW (Dual Door Check Valve)

Size	: 50 mm – 800 mm
Material	: Body – Cast iron Disc – Ductile iron Seat – EPDM/NBR
Pressure	: 16 bar (50 mm – 600 mm) 10 bar (700 mm – 800 mm)
Type	: Double door, Wafer connection
Description	: Water, oil, gas



CCV (Swing Check Valve)

Size	: 50 mm – 600 mm
Material	: Cast iron
Pressure	: 16 bar (50 mm – 600 mm) 10 bar (700 mm – 1000 mm)
Type	: Swing type, Flange
Description	: Water, oil, air
Connection	: Flange JIS, PN



CYS (Y Strainer)

Size	: 50 mm – 600 mm
Material	: Cast iron
Pressure	: 16 bar
Type	: Y-pattern, Flange
Description	: Water, oil
Connection	: Flange JIS, PN



CAAV (Automatic Air Vent)

Size : 15 mm – 25 mm
Material : cast iron/Ductile iron
Pressure : 16 bar
Type : Screw
Description : Water



D-BGV (DZR Brass Gate Valve)

Size : 15 mm – 100 mm
Material : Brass body, PTFE packing
Pressure : 16 bar
Type : Screw, Handwheel
Description : Water, Oil



GGV (Brass Gate Valve)

Size : 15 mm – 100 mm
Material : Brass body, PTFE seal
Pressure : 41 bar
Type : Screw, Handwheel
Description : Water, Oil



RGGV (Rising Stem Gate Valve)

Size : 15 mm – 50 mm
Material : Brass body, PTFE packing
Pressure : 21 bar
Type : Screw, Handwheel
Description : Water, Oil



BBV (Brass Ball Valve)

Size : 8 mm – 100 mm
Material : Brass body, PTFE seat
Pressure : 41 bar
Type : Screw
Description : Water, Oil



GBV (Bronze Ball Valve)

Size : 15 mm – 100 mm
Material : Brass body, PTFE seat
Pressure : 41 bar
Type : Screw
Description : Water, Oil



GGLV (Bronze Globe Valve)

Size : 15 mm – 50 mm
Material : Bronze body, PTFE packing
Pressure : 21 bar
Type : Screw
Description : Water, Oil



GSCV (Bronze Swing Check Valve)

Size : 15 mm – 50 mm
Material : Bronze body, PTFE packing
Pressure : 21 bar
Type : Screw
Description : Water, Oil



BLCV (Brass Lift Check Valve)

Size : 15 mm – 50 mm
Material : Bronze body, PTFE packing
Pressure : 21 bar
Type : Screw
Description : Water, oil
Connection : JIS, ANSI, PN



GLCV (Bronze Lift Check Valve)

Size : 15 mm – 50 mm
Material : Bronze body, PTFE packing
Pressure : 21 bar
Type : Screw
Description : Water, oil
Connection : JIS, ANSI, PN



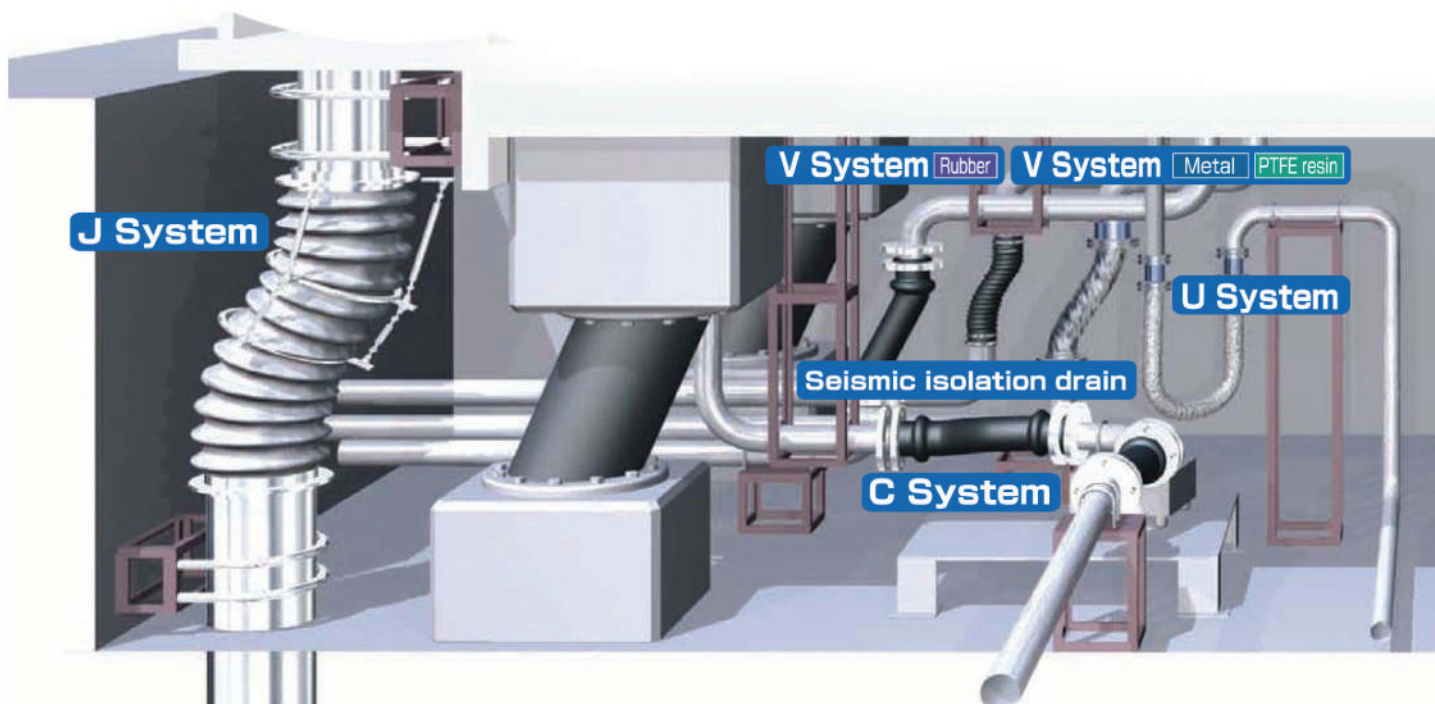
GYS-L (Bronze Y Strainer)

Size : 15 mm – 50 mm
Material : Bronze body, PTFE packing
Pressure : 21 bar
Type : Screw
Description : Water, oil
Connection : JIS, ANSI, PN

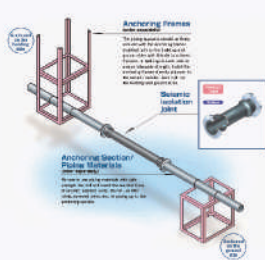
OTHER PRODUCTS



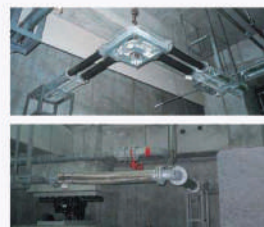
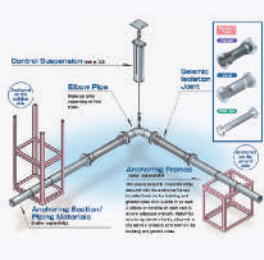
SEISMIC ISOLATION JOINT SYSTEMS



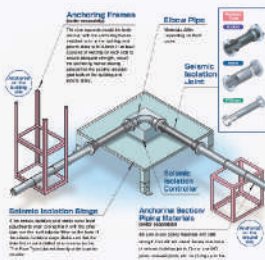
F System



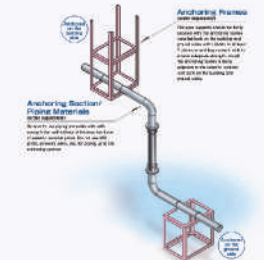
H System



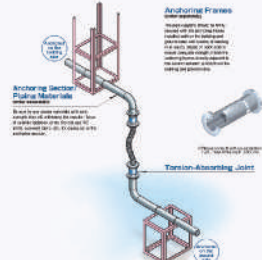
C System



V System



V System



Rubber

Registered with the Japan Water Works Association

Reinforcement layer (synthetic fiber)

Two layers are attached with bias in opposite directions. As a result, there is virtually no slippage in the axial or diametrical direction.

Reinforcing ring

As a flat type reinforcing ring is used, there is no need for concern about the severance and/or removal of the flange.

Filler (embedded rubber)

The structure of the inner surface is flat and uses special high polymer rubber. Therefore it is particularly suited for application for sewage water and powder.

Arch structure

With the smoothness of the inner surface, the arch structure of the outer surface and the shock damping effect of rubber, it can withstand repeated displacement as well as expansion and contraction.

Flange (JIS10K)

SS400, which is used as the standard material for the flange, can be changed to SUS304, SUS316, etc.

Rubber on the outer surface Rubber on the inner surface (flat structure)

Uses special synthetic rubber (high performance rubber). Adequate durability and reliability have been assured through a series of tests for tensile strength, hardness, creep over time, and fatigue.



4 Threaded Type

Metal

※1

Type approved by the Fire Equipment and Safety Center of Japan (pressurized water supply 10K)

※2

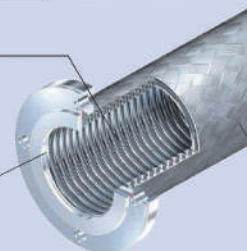
Registered with the Japan Water Works Association

Tube

Omega tube is used.

Wetted part

SUS is used.

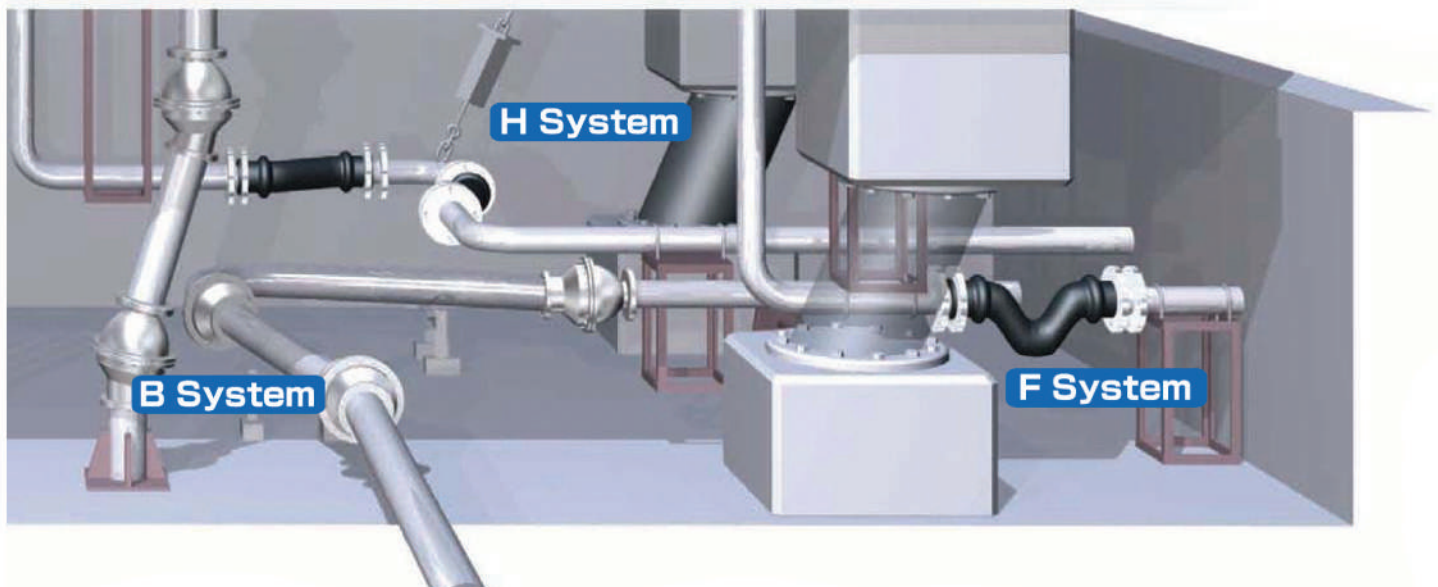


●Please consult with us for details.

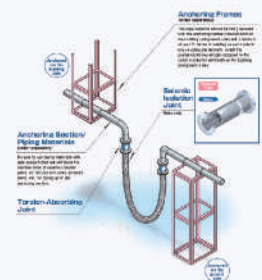
F System C System H System V System

C System H System V System U System

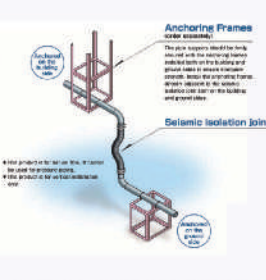
We Will Propose Seismic Isolation Systems That Can Withstand All Types Of Earthquake



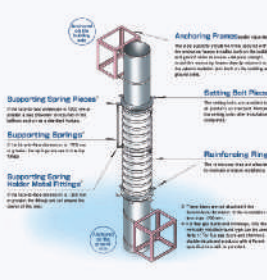
U System



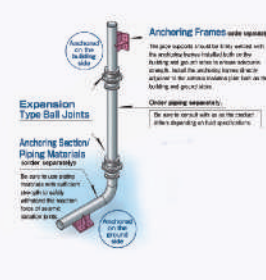
Seismic isolation drain



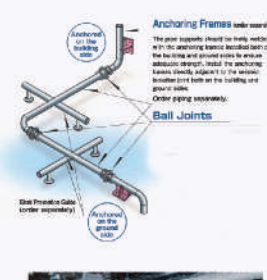
J System



B System Vertical



B System Horizontal



Flange (JIS 10K)
Flange can be changed to 20K and other specifications. SS400, which is used as the standard material for the flange, can be changed to SUS304, SUS316, etc.

Blade
Maintains pressure resistance without losing flexibility.

#3 Type rated by the Fire Equipment and Safety Center of Japan (No. 20)
#4 Type approved by the Fire Equipment and Safety Center of Japan (pressurized water supply 20K)

Separately regarding cooling medium.

PTFE Resin

Tube
PTFE tube is used. No change will occur over time.

Wetted part
PTFE resin is used.

Blade
Maintains pressure resistance without losing flexibility and protects the exterior.

Flange (JIS10K)
SS400, which is used as the standard material for the flange, can be changed to SUS304, SUS316, etc.

C System **H System**

TOZEN PROJECT REFERENCES



AEON Mall



Resinda Park Mall



UNIVERSITAS
INDONESIA
Rumah Sakit
Universitas
Indonesia



Pakuwon Mall
Surabaya



PT KRAKATAU
STEEL



Plaza Senayan



Neo Soho
Central Park



Puri Mansion
Apartment



MRT Jakarta



Denso Factory



Fairmont Hotel



Mall of
Indonesia



POKKA Factory



Bridgestone
Factory



SCBD
SCBD District 8
& Lot 10



Frisian Flag
Factory



Biopharma
Plant



Telkom Tower



PIK Mall & Hotel



Hotel Mulia
Senayan



Fuji Seal
Factory



Daiwa



Grand
Indonesia



Bank Indonesia



Tenma Factory



Kuningan City



Green Bay



Epson Factory



PT Gudang
Garam Tbk



Kota
Kasablanka

AND MANY MORE

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NOTE

This image shows a full page of blank handwriting practice paper. It features 20 evenly spaced, horizontal blue lines running across the width of the page. The lines are thin and consistent in color, providing a guide for letter height and placement. There are no margins, text, or other markings on the paper.

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