

# SAT

شركة سواعد التشييد للتجارة  
Sawaed Altasheed Trading Co.



Aquaterra  
Polypropylene Pipes and Fittings



NAPCO



Hitachi Metals, Ltd.



KNAUF INSULATION





Sawaed Altasheed Trading Co.

# رؤيتنا هي التطوير وهدفنا هو الدعم المستديم

## Sawaed Altasheed

A Saudi company specialized in electrotechincal supplies

We supply all a HVAC accessories, firefighting, chilled water and plumbing material

Your most welcome to visit our booth at the big 5 exhibition

## سواعد التثبيد

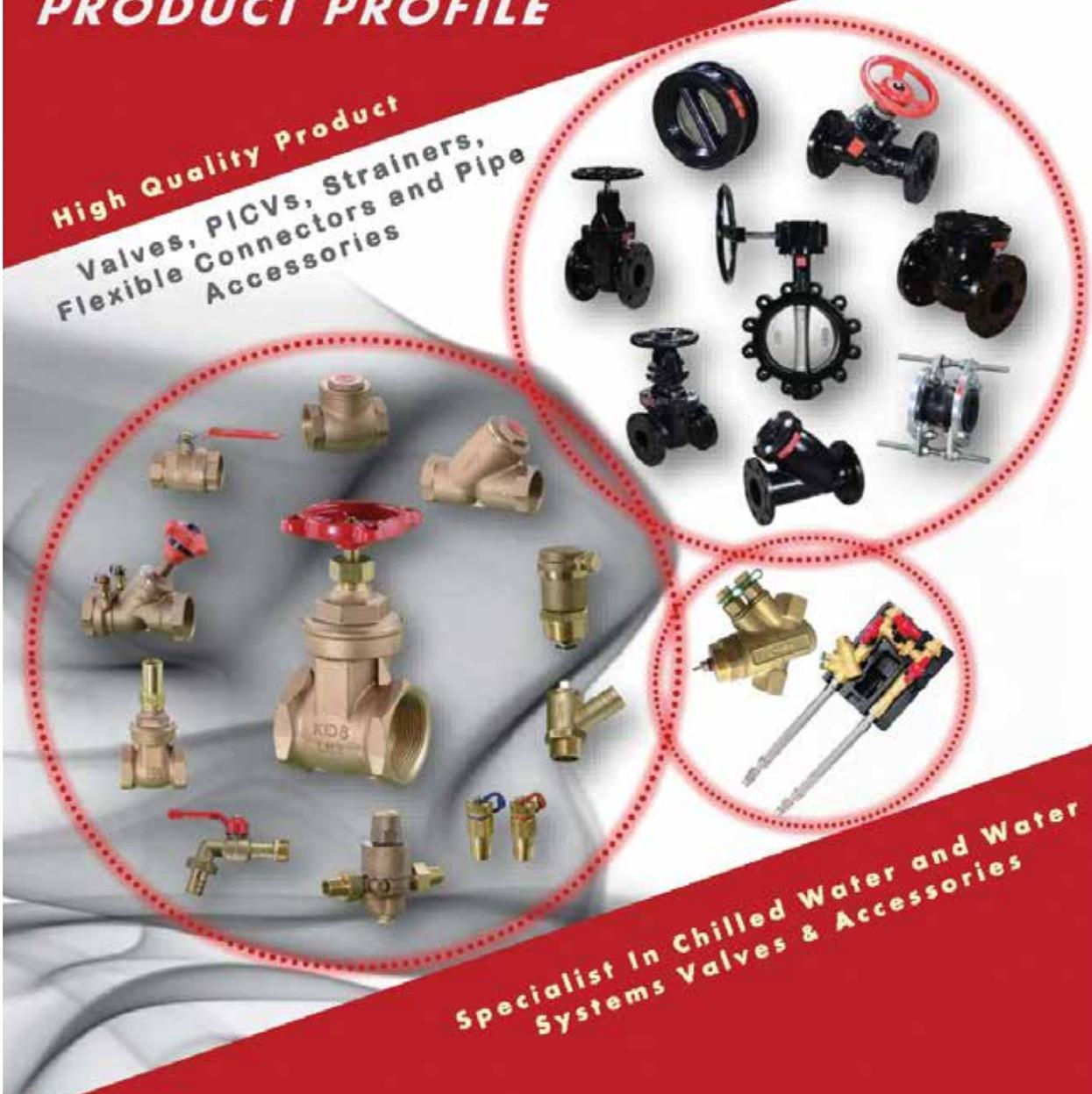
شركة سعودية متخصصة في توريدات جميع مواد الالكتروميكانيك

نورد جميع المواد الخاصة بالتكييف و التبريد والحريق و المياه المثلجة و مواد السباكة

# Water System Valves & Accessories (KIDS)

## PRODUCT PROFILE

**High Quality Product**  
 Valves, PICVs, Strainers,  
 Flexible Connectors and Pipe  
 Accessories



**Specialist In Chilled Water and Water  
 Systems Valves & Accessories**

**KIDS PIPE ACCESSORIES LLC**



# Fire Extinguisher (Fire Fox)

Classification	Aerosol fire extinguisher	Type	Forcing liquid 330ml.
Type approval number	Simplicity 21-7	Spraying distance	2-3m
Gross weight	560g	Spraying duration	12 sec
Extinguishing agent weight	480g	Operating temperature range	0-40 °C (32-104 °F)
Main agent	Potassium acetate	Charging gas	N <sub>2</sub> / 1.5g

Information on hazardous substances according to MSDS: May cause irritation if in eyes.  
 Hazardous substances information (list of hazardous substances >1.0%): None.  
 List of chemicals more than 5% by content: Potassium acetate.

**Warranty** : 24 months from the date of manufacture.  
 The product has received national inspection (Korea Fire Institute).  
 If a malfunction occurs during use, repair is provided within the warranty period.  
 Please keep the warranty as far necessary when requesting repairs.

**Inspected**

**Instructions for use and handling precautions**  
 Fire extinguishing capacity is not recognized if treated on a large object.  
 There is a risk of efficacy loss if stored for a long time outside the operating temperature range.  
 Open the lid and spray 2-3m from the fire source.  
 Avoid direct sunlight and store within the operating temperature range (a cool place).  
 Make sure that foreign substances such as water or oil are not mixed.  
 Do not spray directly on the human body.  
 If it gets into your eyes, rinse immediately with water, and seek medical help.

**Effective for incipient extinguishing of fire shown below:**

**Trash bin fire**

**Curtain fire**

**Fryer fire**

**Cushion fire**

**KFI Inspected**

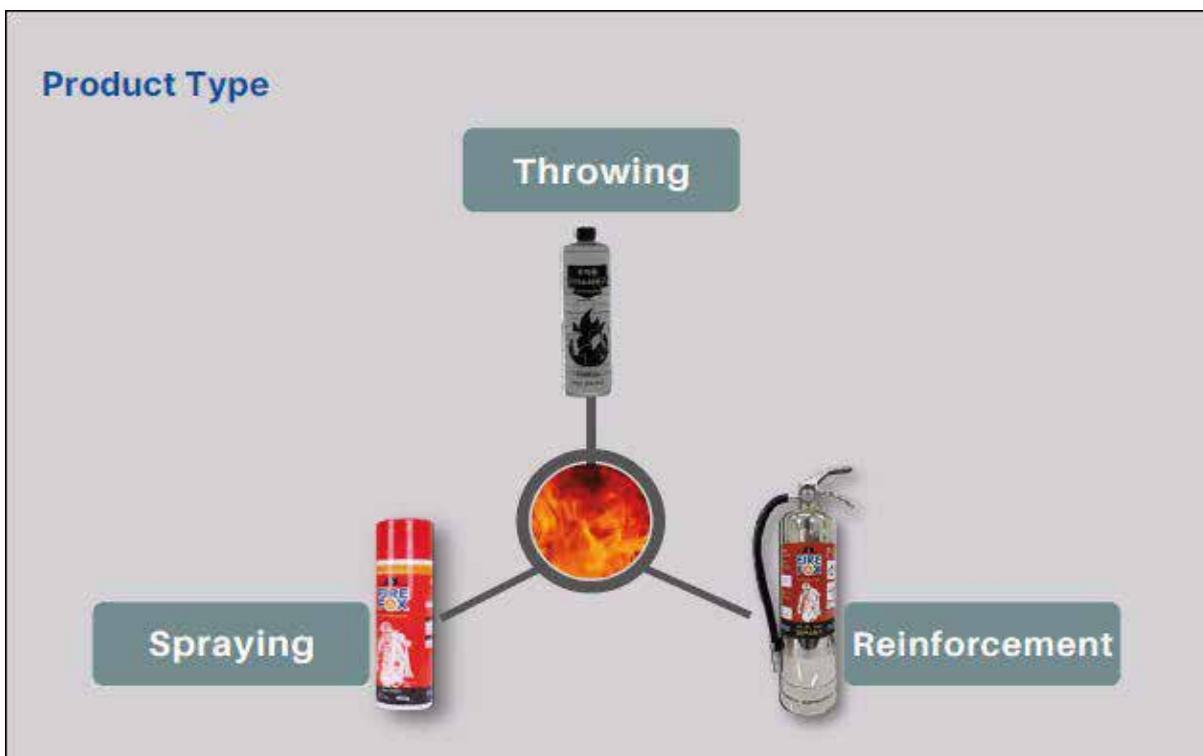
Date of manufacture : Marked on the product.

Manufacturer : FIREFOX  
 MADE IN KOREA

**TOTAL WEIGHT 560G**

**www.fire-fox.co.kr**

**SPRAY FIRE EXTINGUISHER**



## Pex Pipe & Fittings

**UNIDELTA**



TUBI DI POLIETILENE RETICOLATO  
CROSSLINKED POLYETHYLENE PIPES

UNIDELTA UNITERM PEX - DIN 16892 / DIN 16893 - PE-Xb - SDR 7,4 PN20 a 20°C - Ø16x2,2 (MP) Data Ora Turno Linea UNITERM-R  
001/000163 AENOR Z UNE EN ISO 15875 - A - PE-Xb Ø16x2,2 Clase 5/10 bar Clase 4/10 bar MADE IN ITALY.



## Black Steel Seamless ( INTERPIPE & NKK )

**INTERPIPE**

EXPERT PIPE SOLUTIONS  
FOR INDUSTRIAL APPLICATION  
SEAMLESS PIPES,  
WELDED PIPES AND HOLLOW SECTIONS

**NKK** **NKK SEAMLESS  
PIPE AND TUBE**

## Black Steel Welding (JAZEERA & SSP)



جدید الجزیرة جازیرة Steel

**WELCOME TO JAZEERA STEEL**

This share holding company constitutes investment of Global buyout, a wing of Global Investment House (Giti) of Kuwait and also a majority of Omani nationals. Al Jazeera has become one of the leading steel tube & structural products manufacturers in the Middle East.

**AL JAZEERA STEEL PRODUCTS COMPANY S.A.O.G.**  
Sultanate of Oman  
AN ISO 9001 COMPANY






## Polypropylene Pipe And Fittings (AQUATERRA)



*Aquaterra*

Polypropylene Pipes and Fittings

# Black Steel Fittings & Flanges

**Hitachi Metals, Ltd.**



**GOURD BRAND**

## MALLEABLE IRON PIPE FITTINGS

Gourd Brand malleable iron pipe fittings are manufactured by Hitachi Metals, Ltd., the leading manufacturer of malleable iron pipe fittings in the world with more than 90 years of experience.

The high quality of Gourd Brand pipe fittings is achieved by strict quality control in every stage of the manufacturing process. Gourd Brand has lived up to its reputation for excellence in quality, variety, and punctual delivery, which is known the world over.

***BENKAN***



### Flange Types

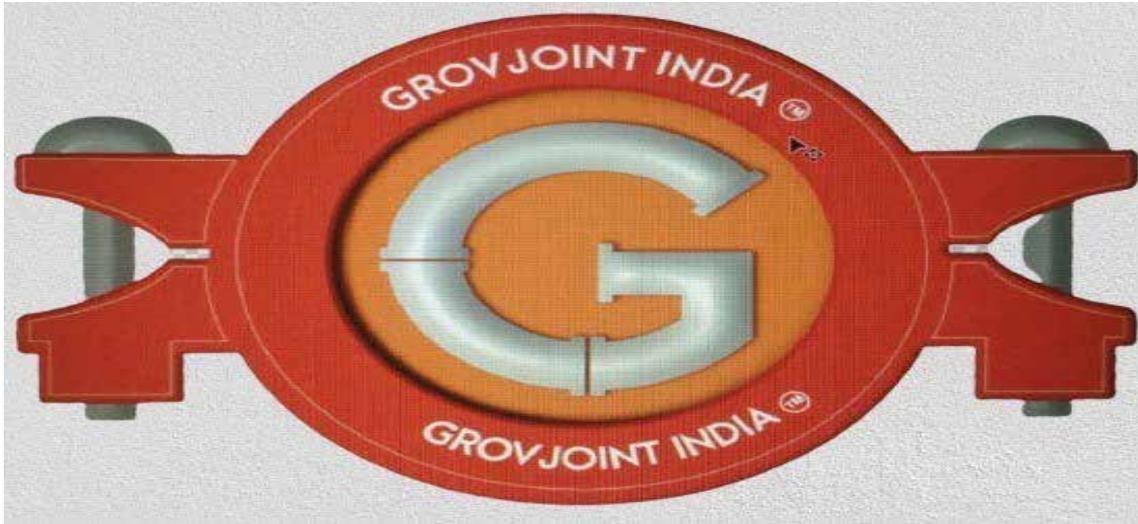
**KOFCO**

•ANSI •API •MSS •AWWA

A Flange is a method of connecting pipes, valves, pumps and other equipment to form a pipework system. It also provides easy access for cleaning, inspection or modification. Flanges are usually welded or screwed into such systems and then joined with bolts.

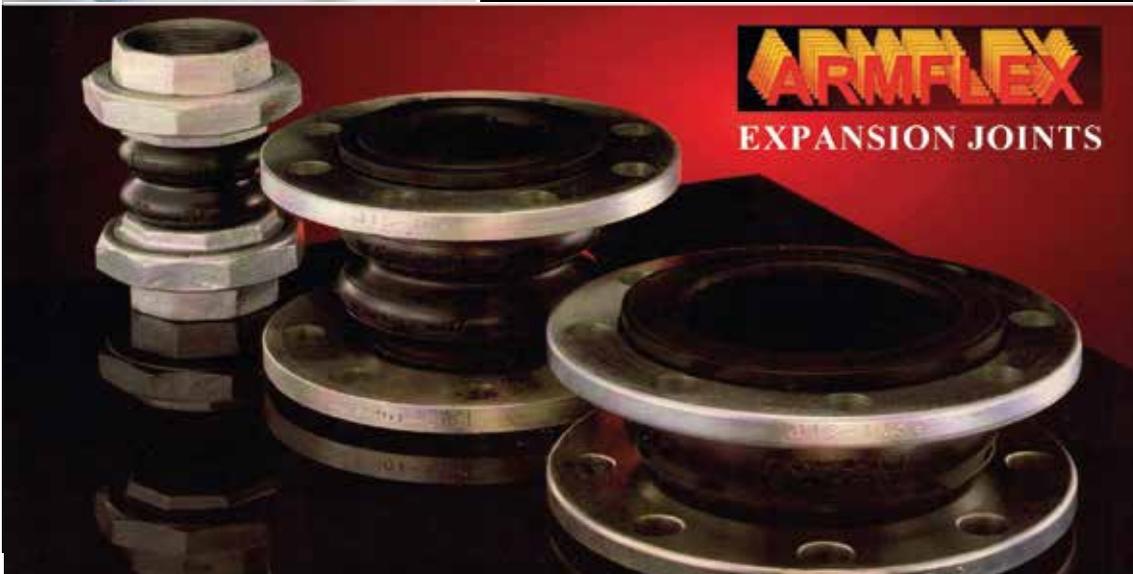


## Grooved Fittings (GROVJOINT)



## Expansion Joints ( KIDS & ARMFLEX )

**KIDS**



# Duct Insulation (Afico – Kimmco – Knauf)



# Aluminum Tape



## ALUMINUM FOIL TAPE



### DESCRIPTION

Foil, scrim and kraft combined with a pressure sensitive adhesive and release liner. This specification covers the general requirements and test methods for ABRO FSK (Foil/Scrim/Kraft), ALL WEATHER FORMULA (AWF) SEALING TAPE. This product is UL® 723 / ASTM E84 classified for flame spread and smoke development. It also complies with ASTM C 1136.

### TECHNICAL SPECIFICATIONS

Physical Properties	US Measurements	Metric
Backing Type	FSK (Foil/Scrim/Kraft)	FSK (Foil/Scrim/Kraft)
Adhesive to Steel	180 lbs./in. width	27.6N/25.4 mm
Adhesive System	Rubber	Rubber
Scrims	25 lbs./sq. yd. weight	32.64±0.25 g/m <sup>2</sup>
Thickness	4.8 mil.	124 µm
Application Temperature Range	+10°F to +180°F	-13.3°C to +82.2°C
Post Application Temperature Range	+10°F to +180°F	-13.3°C to +82.2°C
UL 723 Surface Burning Characteristic	Flame Spread 10 Smoke Developed 18	Flame Spread 10 Smoke Developed 18



### DESCRIPTION

ABRO® 2290 is a pressure sensitive tape manufactured with a 1.1-mil aluminum foil backing and a performance adhesive system.

### TECHNICAL SPECIFICATIONS

Physical Properties	US Measurements	Metric
Backing Type	Dead Soft Aluminum Foil	Dead Soft Aluminum Foil
Backing Thickness	1.1 mils.	0.03 mm
Adhesion to Steel	95.0 lbs./in. width	15.02 N/25.4 mm
Adhesive System	Rubber	Rubber
Application Temp. Range	+10°F to +180°F	-13.3°C to +82.2°C
Post Application Temp. Range	+10°F to +180°F	-13.3°C to +82.2°C
UL 723 Surface Burning Characteristic	Flame Spread 10 Smoke Developed 1	Flame Spread 10 Smoke Developed 1

### PACKAGING

Length	40 Yards
Width	3" 4" 6"
Rolls/Case	24 16 12

NOTE: Shelf life is one year from the date of purchase. For the best results, retain stock and store in a cool, dry place (50°F to 80°F and 10% relative humidity).



Aluminum Foil Tape (Aspen-30 aluminum Foil Tape)

Aspen-30 APS

Plain Aluminum Foil Tape (Aspen-30 aluminum Foil tape) Application is for seaming plain foil /FSK faced fiberglass duct/ pipe insulation surface. Protection against moisture combined with superior sealing and strength makes Aspen range of aluminum foil tapes an ideal choice for contractors and engineers. Acrylic adhesive coating on superior polycoated liner gives it strong adherence over a wide tempera-

# Adhesive & Silcon (Foster - Napco - Star)



**WATERPROOFING  
 SEALANT  
 COATING  
 ADHESIVE**



**HVAC**  
 SEALANT • COATINGS • ADHESIVES



## Aluminum Clading ( Pabco – Paragon)

### **ITW** Insulation Systems PABCO - CHILDERS METALS

### Aluminum Roll Jacketing

#### DESCRIPTION

ITW Pabco/Childers Aluminum Roll Jacketing is manufactured from alloys 3105 and 3003, conforming to ASTM B-209 designation, half-hard temper (H-14) and heavier gauges quarter-hard (H-12 lock-forming quality).

Commercially pure aluminum is relatively soft as structural material. Its strength can be greatly improved by alloying aluminum with small percentages of one or more other elements such as manganese, silicon, copper, magnesium or zinc. Additional strength can be achieved by cold working, such as cold rolling.

#### THICKNESS & *Suggested Applications*

<b>.016"</b> (.4mm)	The standard for industrial use. Recommended over insulated lines up to 36" O.D. including insulation.
<b>.020"</b> (.5mm)	
<b>.024"</b> (.6mm)	A heavier weight jacketing used on larger diameter lines and large equipment up to 8 feet in diameter.

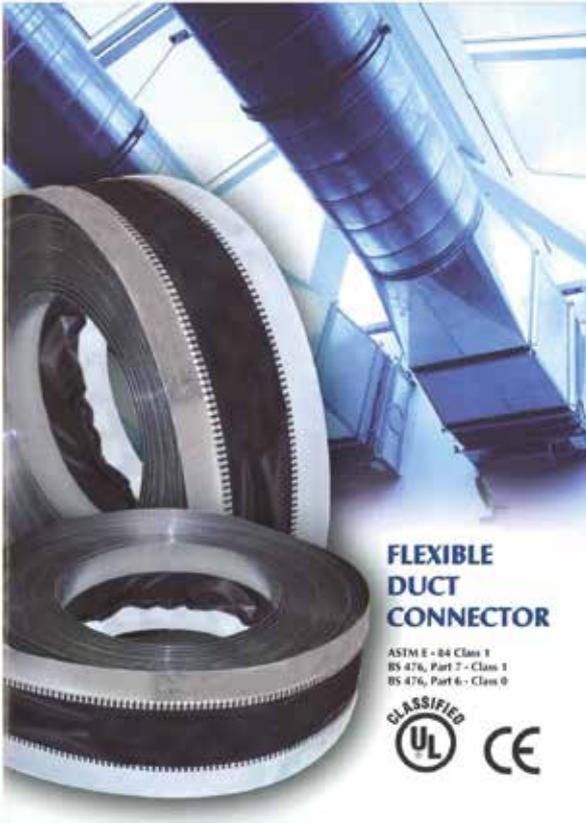


# PARAGON

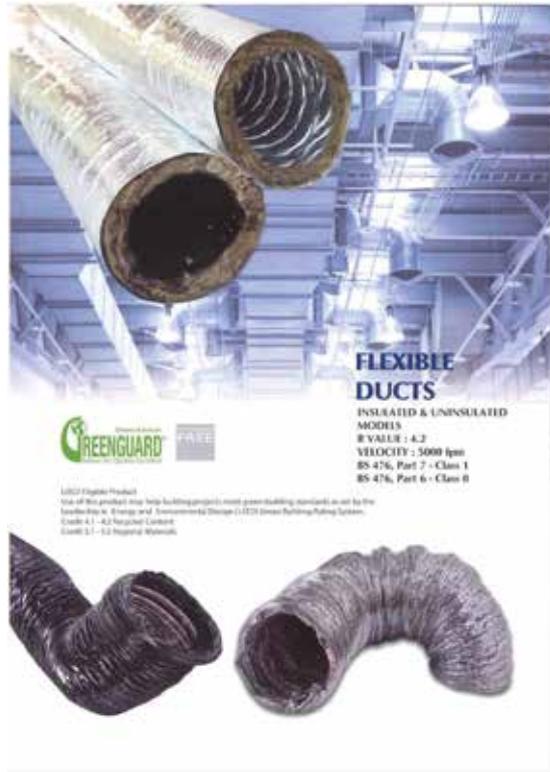
INDUSTRIAL METAL COATING LLC

Manufacturers of Pre-Painted Metals and Insulation Products

**Flexible Duct Connector (DURODYNE & CLIM)**



**Flexible Duct ( AHRAM )**



# Pipe Clamp Hangers (Tembo)

**UL LISTED**

**FM APPROVED**

**TEMBO SEVEN STAR®**

**MANUFACTURERS**

**Pipes, Clamps, Hangers, Fasteners & Support Systems**

# Copper Pipe ( Mueller– Asco – Sampo)

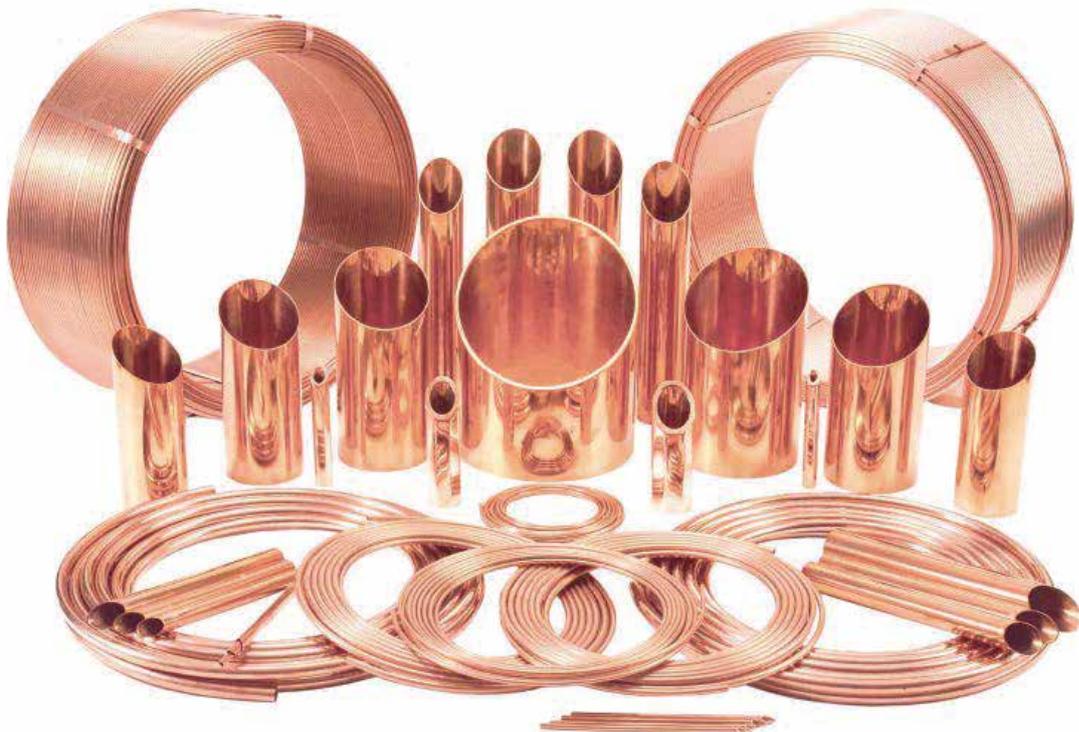
## Copper Tube

For decades, Mueller has been producing the best and most trusted copper tube in the industry. The only U.S. manufacturer of both copper tube and copper fittings, Mueller offers a full line of copper tube and coated copper tube products for plumbing, air conditioning, refrigeration, and various other applications. Mueller's ongoing commitment to quality continues to make it the preferred and specified brand of industry professionals.

- Meets applicable ASTM standards B-88, B-306, B-280, B-819
- NSF Approved
- Made in the USA



**COPPER TUBE & COIL**  
 MADE IN KOREA



# Freo - pipe ( FLEXIBLE A/C PIPE )

**FREO - PIPE®**  
 FLEXIBLE A/C PIPE

**DATASHEET**

- Branding: Freo-Pipe®
- Reference standard: EN 1736:2008
- Applications:
  - Connection of indoor/outdoor units of direct expansion systems working with the following refrigerant gases:
    - R410A;
    - R32;
    - R134a;
    - R404a;
    - R407c.
  - Generic transport of refrigerant gases, liquid or vapor, pressurized or non-pressurized;
  - Not compatible with R22.
- Usage conditions:
  - Temperature range (TS): -30°C +110°C (-22°F + 230 °F). Resistant to peaks of 130°C (265°F);
  - Maximum operative pressure (PS): 60 bar (0 - 870 PSI). Tested at 78 bar (1130 PSI);
  - Design pressure (PD): 100 bar (1450 PSI).
- 7-layer MLT. Structure:
  - Long-chain polyamide;
  - Aluminum film;
  - High-strength synthetic fiber braiding;
  - High barrier plastic polymer layer;
  - Anti-wear, anti-UV, anti-abrasion and chemically inert external coating layer;
  - Closed cell expanded polyethylene insulation;
  - Anti-UV polyethylene protective coating, white or grey (improved anti-UV resistance).
- Tube technical specifications:



# Copper Insulation ( GoFlex )

**GoFlex**  
FLEXIBLE ELASTOMERIC THERMAL INSULATION

Elastomeric Thermal Insulation Tubes for Refrigeration, Air Conditioning & Plumbing Piping Systems.



## Features



### THERMAL CONDUCTIVITY

Goflex flexible elastomeric thermal insulation tubes has an unique closed cell structure, which offers the material a very good and stable thermal performance through a low Lambda ( $\lambda$ ) value.



### EASE OF INSTALLATION

Goflex flexible elastomeric thermal insulation tubes are quick and easy to install and smooth surface skin. It's suitable for low and high temperature applications like HVAC & R.



### ENVIRONMENT FRIENDLY

Goflex flexible elastomeric thermal insulation tubes is CFC & HCFC free, fibre free, dust free and resistant to mold and fungi growth. It has very low ODP (Ozone Depletion Potential) and GWP (Global Warming Potential).



# Accessories

**THREADED RODS**



**NUT, BOLT, WASHER**



**DROP ANCHORS**



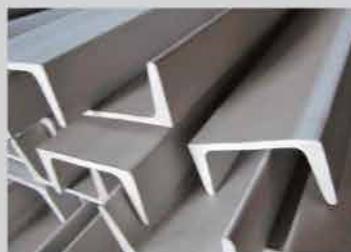
**Slotted Channels**



**ANGLE BAR**



**U Channels**



**YELLOW STRAP & CLIPS**



**COTTON CANVAS CLOTH**



**ALUMINUM STRAP**



**JUTE**



**DUCT FLANGES , CORNERS , G CLAMPS**



**TEFLON TAPE**



**WELDING ELECTRODES**



**BRAZING RODS**



**PVC BLACK TAPE**





شركة سواعد التشييد للتجارة  
Sawaed Altasheed Trading Co.

المملكة العربية السعودية - الرياض - حي المربع - شارع الوشم

ت : ٠١١٣٦٨٠٣٣ - ج : ٠٥٤٦٢٧٦٦٠ - ٠٥٦٣٦٤٦٠٧٨

[www.sawaedco.com](http://www.sawaedco.com)