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PIPES



NKKPIPE

NKK's seamless (SMLS) Pipe and tube are used in many and varied fields with high recoutation.

INTERPIPE

Seamless and welded pipes for construction of:

- chilled water systems.
- firefighting systems.
- air-cooling systems.



SSPIPE

Saudi Steel Pipe Company, (SSP) is the leading manufacturer of premium high-frequency induction welded pipes in the Middle East & North African region.



JAZEERA PIPE

In its zeal to set higher quality standards Jazeera achieved QMS ISO 9001 certification by BMTRADA within one year of its commencement of production.



Fitting

BENKAN

BENKAN butt-welding fittings are subjected to strict in-process inspection at each stage of the production process - from starting materials handling to finished product shipping. They are visually examined for conformity to company specifications and tested under the applicable ASTM, ASME, MSS and JIS codes and standards. They are also tested to make sure they conform to their intended use. Upon request, we call in officially certified test agents to witness the inspection procedures. **BENKAN** butt-welding fittings are manufactured in conformity with the following standards.



Hitachi

Hitachi Metals, Ltd. ... Various line-up of Black and Galvanized Pipe Fittings. Overview. Our Malleable Iron Pipe Fittings are well known with logo of "™".



FLANGES

Flanges are used to connect pipes with each other, to valves, to fittings, and to specialty items such as strainers and pressure vessels. A cover plate can be connected to create a "blind flange". Flanges are joined by bolting, and sealing is often completed with the use of gaskets or other methods.



GROOVED

Grooved pipe couplings and fittings are used to join pipes in both wet and dry systems. They provide some flexibility in terms of movement and deflection to the piping system. The concept of grooved coupling was invented in 1925 when Victaulic designed the first mechanical coupling.



PIPE SUPPORT

A pipe support or pipe hanger is a designed element that transfer the load from a pipe to the supporting structures. The load includes the weight of the pipe proper, the content that the pipe carries, all the pipe fittings attached to pipe, and the pipe covering such as insulation. The four main functions of a pipe support are to anchor, guide, absorb shock, and support a specified load. Pipe supports used in high or low temperature applications may contain insulation materials. The overall design configuration of a pipe support assembly is dependent on the loading and operating conditions.



VALVES



A valve in mechanical engineering is a device that regulates the flow of fluids, fluidised solids, slurries or liquid, by opening, closing, or partially obstructing various passageways. In electronic engineering the valve refers to an electronic device that regulates the flow of current integrated with other devices.

TYPES OF VALVES



Gate Valve



Globe Valve



Y- Globe Valve



Ball Valve



Plug Valve



Diaphragm Valve



Reducing Valve



Pinch Valve



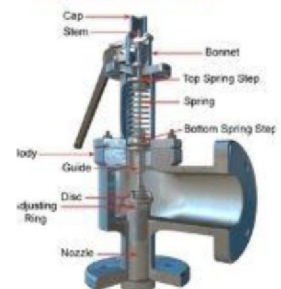
Butterfly-valve



Swing Check Valve



Lift Check Valve



Safety Valve

COPPER PIPES



Alshahrani is a famous supplier of a pipes of plumbing, refrigeration, air-conditioning and medical gas tube. quality copper pipe in accordance with many international Standards.

COPPER ROLLS



Today copper, because it is such a good conductor of electricity, is used in electrical generators and motors for electrical wiring and in electronic goods, such as radios and TVs. Copper also conducts heat well, so it is used in motor vehicle radiators, **air-conditioners and home heating systems.**

COPPER FITTINGS



You may be surprised to find two types of copper pipe on the home center shelf, Type L and Type M. The difference is the wall thickness of the copper pipe sizes and therefore the pressure it can handle. The exterior dimensions are identical, meaning you use the same copper fittings.

RUBBER INSULATION

Mold resistant AP/Sheet & Roll Insulation is a flexible elastomeric thermal insulation, black in color. It is furnished with a smooth skin on one side which forms the outer exposed insulation surface. The expanded closed-cell structure of makes it an efficient insulation. It is manufactured without the use of CFC's, HCFC's, or HFC's.

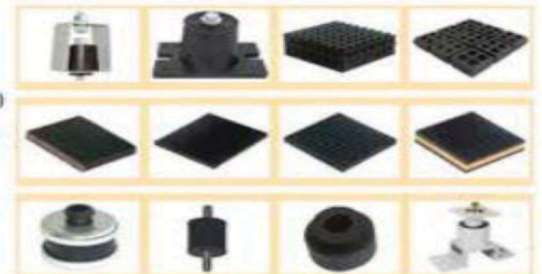


Rubber Insulation Insole



Vibration Isolator

- # Neoprene Hanger (WHS)
- # Neoprene Floor Mount (WFM)
- # Multi-Layer Pad (MLP Series)
- # Modular Pad (WMP)
- # Ribbed Pad (RP)
- # Square Cell Pad (SCP)
- # Duct Mount (WDM)
- # Rubber Cork Sandwich Pad (CSP)
- # Cylindrical Mounts (WCS Series)
- # Acoustic Riser Guides (ARG)



- # Fabric Reinforced Pads (FRP Series)
- # Acoustic Riser Anchors (ARA)
- # Grommets / Knockouts

-HVC Kurian
-NVC Kurian



Star Adhesive & Resin Industries, are involved in the manufacture of a wide spectrum of technically advanced construction chemical products for construction industries.

the main product range constitutes of Duct Coating / Duct Adhesives/ Duct Sealant / Cement Admixtures and Waterproof coatings / Cement bonding agent / Wood Adhesives / Cleaning Chemicals.



The Foster® line of premium products is internationally known within the industrial residential and commercial construction markets, as the brand of choice for use in the protection of insulation or prevention of mold, mildew and bacteria. Our reputation for unwavering quality is matched only by our obsessive technical innovation and excellent customer service.



Afico heavy Density Pipe Insulation is a heavy density, preformed insulation composed of fine, stable and uniformly textured inorganic glass fibers bonded together by a non-water soluble and fire-retardant thermosetting and heat resistant resin. It is free from coarse fibers and shot due to its mineral composition, molded in one-piece sections and

افيكو AFICO

Arabian Fiberglass Insulation Company Ltd.
J.V. of Zamil Industrial & Owens Corning Corp.



Solutions for HVAC ducts and pipes, offering the best combination of thermal and acoustic comfort, energy efficiency and safety.



Classic 039 ECOSE® Technology insulating material made of mineral fiberglass.

It is a multi-purpose hydrophobic product. The thermal and sound insulation properties make the material suitable for use in the construction of central air conditioning ducts and pipes.

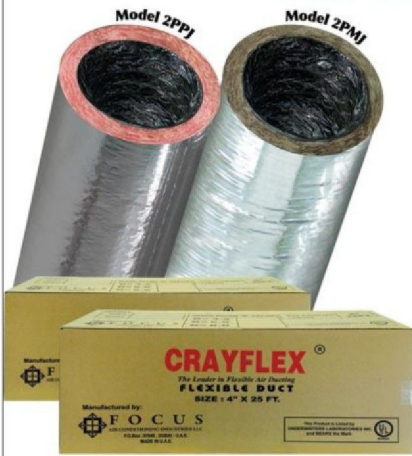




MH48925

CRAYFLEX®
UL LISTED Flexible Duct

The First UL Listed Middle East Flexible Duct
manufactured in U.A.E.



- ☑ UL 181 Class 1 Air Duct
- ☑ Classified in accordance with Air Diffusion Council – Flexible duct performance and installation standards using ASTM C - 518
- ☑ Thermal Insulation (R=4.2, R=6.0, R=8.0)
- ☑ Maximum operating pressure 16" w.g. Negative pressure 1" w.g.
- ☑ Ozone Depletion Potential Value is 0
- ☑ Global Warming potential value is less than 5



ATCO RUBBER PRODUCTS, INC.
Flexible Duct Systems



Considered as the world leader in Flex duct systems, ATCO remains committed to produce a complete line for residential and commercial HVAC applications that are "built to last" - a product that has UL-181 certification.

ALAHRAM FLEX FLEXIBEL Duct



The flexible ducting connects the heating and cooling system ductwork to the air distribution. This is comprised of grills and registers that are mounted in a commercial building's ceiling or walls. Flex duct is convenient for attaching supply air outlets to more rigid ductwork made from sheet metal.

Flexible Duct Connector



Flexible duct connectors are used as an attachment between the equipment and the ductwork to isolate the vibrations and noises in a duct system. Flexible duct connectors, unlike hard duct, also allow for a slight offset between the equipment and ductwork.



Crayflex® Flexible Duct Connector allows for isolation of sound and vibration in spiral or rectangular ductwork. The double lock seam jointed flexible duct connector fabric is used, which is fixed to galvanized steel sheet metal is anchored with the equipment and ductwork. Crayflex® Flexible Duct Connector comes in various sizes and fabrics.

Aluminium Roll



ITW Pabco/Childers Aluminum Roll Jacketing

is the premier protective outer surface for mechanical insulation systems.

ITW Aluminum Roll Jacketing (cladding)

is available in smooth, stucco embossed, and 3/16 corrugated (cross-crimped) finishes. For larger surfaces, box-rib.

ITW Aluminum Roll Jacketing

has a bare outer surface and comes standard with a 3 mil thick polysulryn moisture barrier heat-laminated to the interior surface to help prevent corrosion of the jacketing and the underlying metal



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)
Adhesion to Steel	108 (ksi./in. width)	27.8 (N/25.4 mm)
Adhesive System	Rubber	Rubber
Scrim	20 (mil./in. width)	136.44 (µm/25.4 mm)
Thickness	6.8 mil.	174 mm
Application Temperature Range	-10°F to +180°F	-12.22°C to +82.22°C
Post Application Temperature Range	-10°F to +180°F	-23.33°C to +82.22°C
UL 723 Surface Burning Characteristic	Flame Spread 10 Smoke Developed 10	Flame Spread 10 Smoke Developed 10



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 mil.	8.83 mm
Adhesion to Steel	98.8 (ksi./in. width)	25.02 (N/25.4 mm)
Adhesive System	Rubber	Rubber
Application Temp. Range	-10°F to 180°F	-12.22°C to 82.22°C
Post Application Temp. Range	-10°F to 180°F	-23.33°C to 82.22°C
UL 723 Surface Burning Characteristic	Flame Spread 10 Smoke Developed 5	Flame Spread 10 Smoke Developed 5

PACKAGING

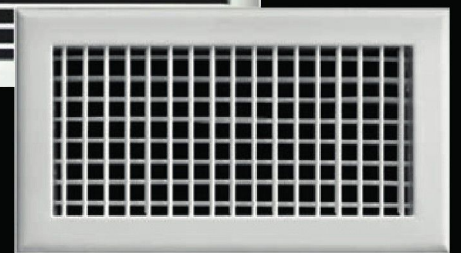
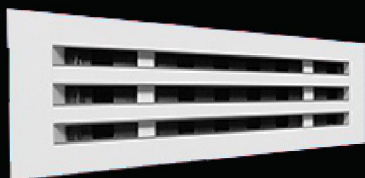
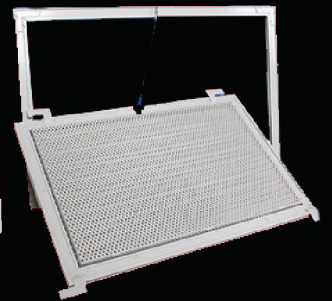
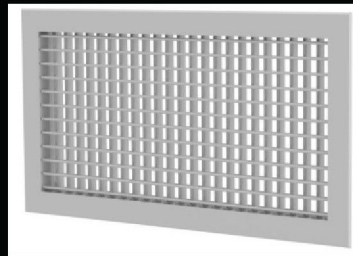
Length	40 Yards
Width	3" 3" 4"
Rolls/Case	24 18 12

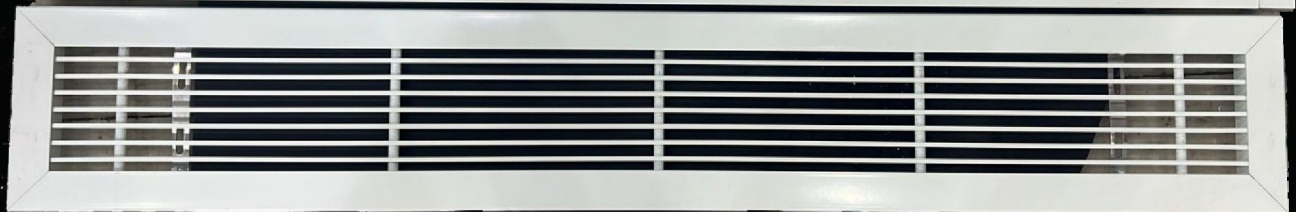
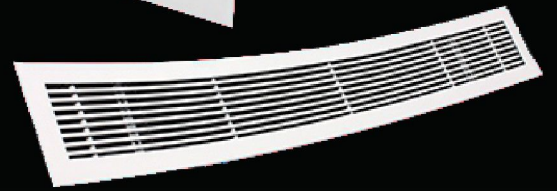
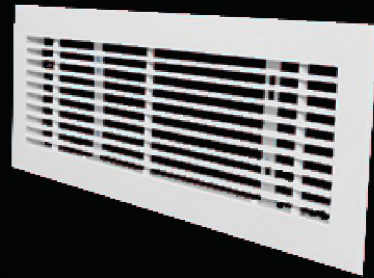
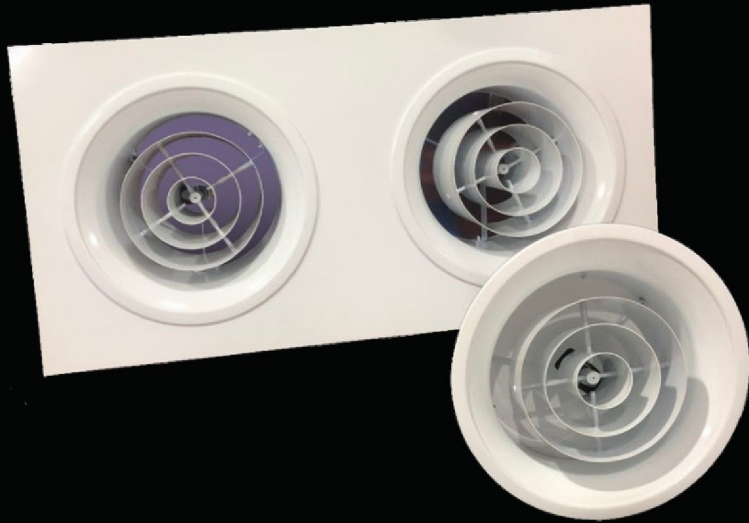
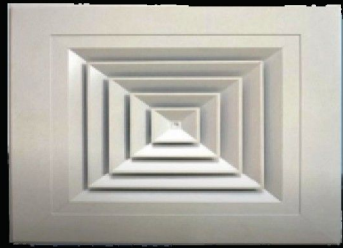
NOTE: Shelf life is one year from the date of purchase. For the best results, rotate stock and store in a cool, dry place (65°F to 85°F and 50% relative humidity).

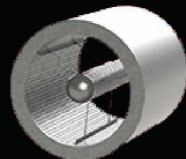
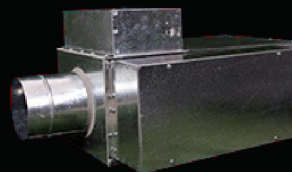
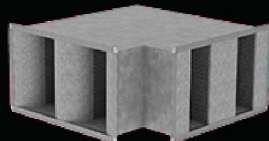
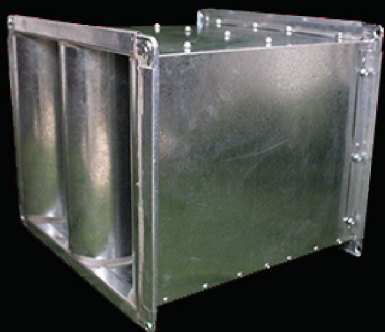
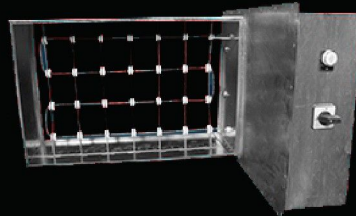
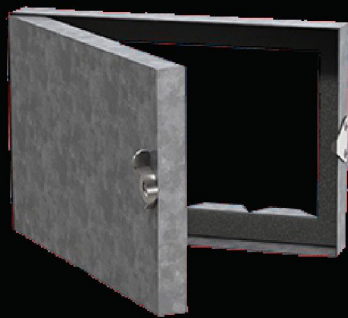
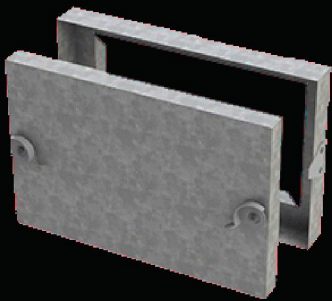
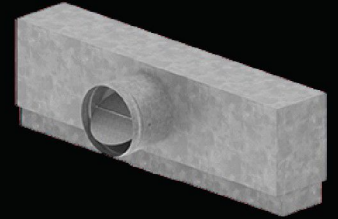
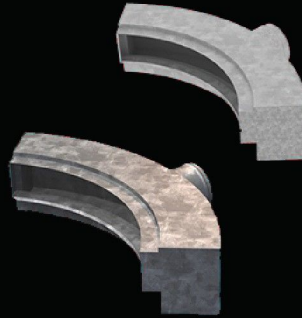
BLACK TAP

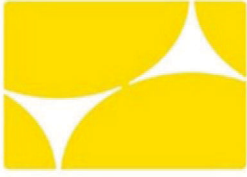


Strong viscous force, one sticker for leak control, water-carrying construction, convenient and fast. Easy to tear, leaving no residue and equipment for emergency hose maintenance. Repair leaked hoses and pipes.

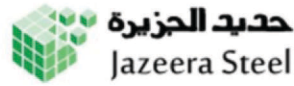








INTERPIPE



means insulation!



Conex | Bänninger

KNAUF INSULATION

