



**AIR CONDITIONING INDUSTRY LLC**

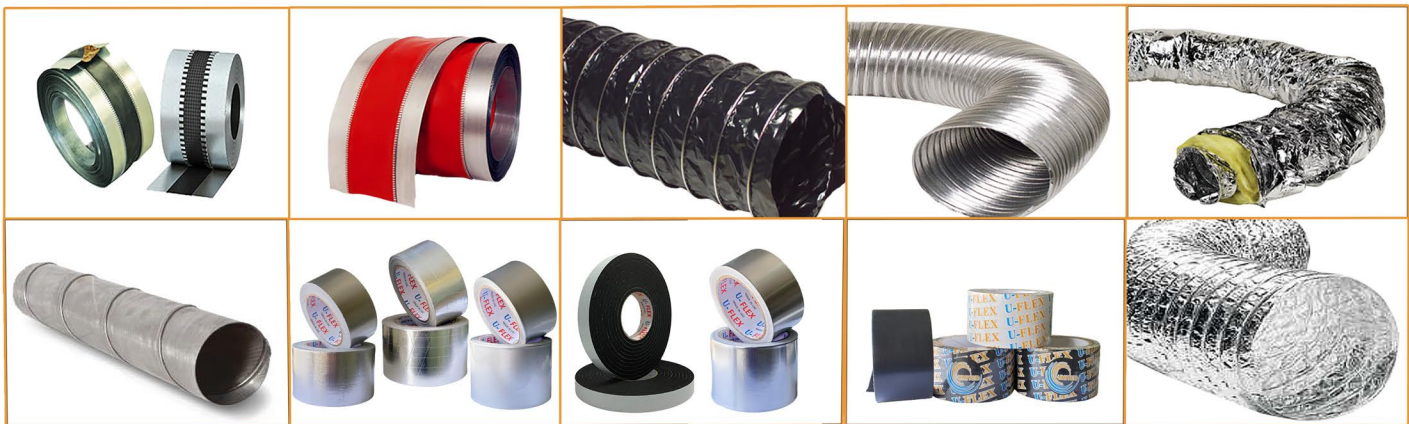
**COMPLETE RANGE OF QUALITY HVAC & R PRODUCTS**

## United Air Conditioning Industry LLC

United Air Conditioning Industry LLC is an IMS-certified company (ISO 9001:2015 QMS, ISO 14001:2015 Environmental, and ISO 45001:2018 Occupational Health and Safety) that was established in March 2021 to manufacture a comprehensive range of HVAC and R products, as well as ducting accessories. It is a subsidiary of Rubber World Industry LLC, U.A.E., which was established in 1993, and RWI Industries Pvt. Ltd., Katunayake, Colombo, Sri Lanka, which was formed in 2018. The products are sold under the flagship brand "**U-FLEX™**." It is a part of the Shaikhani Group of Companies, the largest supplier of high-performance insulation and building envelope systems in the world. The business is well equipped to meet the needs of the entire region as well as foreign trade.

**U-FLEX™** has premium performance and has been manufactured with a CFC/HCFC-free blowing agent that has zero Ozone Depletion Potential (ODP) and low Global Warming Potential (GWP). Our teams work diligently to boost expertise, construction productivity, and, eventually, human lives. United Air Conditioning Industry LLC was founded with a mission to set the benchmark for energy-efficient design. Innovation and sustainability are at the core of the business, which is making tomorrow's goods today. The organization claims that managing all facets of the supply chain, delivering quality goods, and providing a cost-effective solution are key factors in its success. This approach guarantees dependable efficiency and execution.

## Flexible Ducts, Duct Connectors and Adhesive Tapes



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# U-FLEX™ DUCTING ACCESSORIES

## FLEXIBLE DUCT INSULATED



**Insulated Metalized**  
UFLEX-M

Double laminated metalized polyester film with permanently bonded to corrosion resistant steel wire helix.



**Insulated Black**  
UFLEX-B

Laminated black polyester film with permanently bonded to corrosion resistant steel wire helix.



**Insulated Clear**  
UFLEX-C

Double laminated clear polyester film with permanently bonded to corrosion resistant copper coated wire helix.



**Insulated Aluminium**  
UFLEX-AM

Triple laminated aluminium foil, polyester film, permanently bonded to corrosion resistant steel wire helix.

## FLEXIBLE DUCT UNINSULATED



**Uninsulated Metalized**  
UFLEX-UM

Double laminated metalized polyester film with permanently bonded to corrosion resistant steel wire helix.



**Uninsulated Black**  
UFLEX-UB

Laminated black polyester film with permanently bonded to corrosion resistant steel wire helix.



**Uninsulated Aluminium**  
UFLEX-UA

Laminated aluminium foil, polyester film with permanently bonded to corrosion resistant steel wire helix.



**Uninsulated Aluminium**  
UFLEX-UAP

Triple laminated aluminium foil film with permanently bonded to corrosion resistant steel wire helix.

## FLEXIBLE DUCT CONNECTOR UNINSULATED



**PVC**  
UDC-V

Vinyl is the most commonly used fabric for all air duct installations due to its high tear strength and its high abrasion resistance.



**Neoprene**  
UDC-N

Neoprene is recommended for use in application where high mechanical strength is required.



**Silicon**  
UDC-S

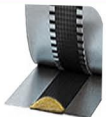
Silicon fabric has a special silicon rubber coating that has excellent resistance to high and low temperatures.



**Hypalon**  
UDC-H

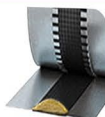
Hypalon coated fabric has the best resistance to ozone layer and is the first choice for the outdoor applications.

## FLEXIBLE DUCT CONNECTOR INSULATED



**PVC**  
UDC-VI

Vinyl is the most commonly used fabric for all air duct installations due to its high tear strength and its high abrasion resistance.



**Neoprene**  
UDC-NI

Neoprene is recommended for use in application where high mechanical strength is required.



**Silicon**  
UDC-SI

Silicon fabric has a special silicon rubber coating that has excellent resistance to high and low temperatures.



**Insulated Semi-Rigid FD**  
UFSRI

Made of heavy-gauge aluminium foil strip with water-tight continuous lock seams. Strong vapour barrier made from triple laminated aluminium foil.



**Semi-Rigid FD**  
UFSR

Made of heavy-gauge aluminium foil strip with water-tight continuous lock seams.



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# U-FLEX™ ADHESIVE TAPES



## ALUMINIUM TAPE

Aluminium Tape is a high-tensile-strength aluminium foil backing combined with a high-performance rubber resin adhesive, protected by an easy-release silicone release paper.



## ALUGLASS TAPE

Aluglass Tape is an Aluminium foil / glass cloth backing (7um foil / FR glue / 110gsm glass cloth 12x12), coated with a high-performance synthetic rubber-resin adhesive, protected by an easy-release silicone release paper.



## ALUPET TAPE

Aluminium foil tape is a foil tape reinforced with PET film backing (ALUPET) combined with strong solvent acrylic adhesives and an easy-release liner for maximum performance. It can be used on XLPE insulation to cover the joints.



## FSK TAPE

FSK Tape is a flame retardant and vapor barrier tape that is one of the most frequently used in the insulation industry. U-Flex™ FSK facing tape has a foil, scrim, or kraft backing.



## DUCT TAPE

Duct Tape is a cloth tape reinforced with fiber mesh and covered with a high performance synthetic rubber-resin adhesive. This product is primarily used for duct insulation and heavy-duty packing.



## NBR FOAM TAPE

Single Side NBR (Nitrile Butadiene Rubber) Foam Tape consists of soft and flexible closed-cell NBR foam coated with a moderately strong hot melt adhesive and laminated to a brown or white silicone release paper liner.



## BOPP TAPE

Biaxially oriented polypropylene film coated with emulsion pressure sensitive water based acrylic adhesive. It is a good choice for bundling & strapping, heavy carton packing and general application.



## PVC TAPE

PVC Pipe Wrapping Tape consists of stabilized PVC film coated with pressure-sensitive adhesive with excellent peel strength, anti-corrosive properties, and moisture resistance.



# KAFFAA AL TAQA A/C DEVICES SPARE PARTS TR.

## HVAC & R ACCESSORIES



**KAFFAA AL TAQA**  
A/C. DEVICES SPARE PARTS TRADING



**Canvas Cloth**



**Canvas Coating**  
Sealant 30-36 & 30-36 AF



**NBR Glue**



**Acrylic Sealant 32-17**



**AC Duct Glue 81-10**



**NBR Insulation**  
Tube & Coil



**NBR Insulation**  
Sheet Roll & Box



**XLPE Foam Insulation**



**Anti Vibration**  
Rubber Cork Pad



**Anti Vibration**  
Metal Sandwich Pad



**Aluglass Tape**



**Duct Cloth Tape**



**PVC Tape**



**Aluminium FSK Tape**



**Aluminium Tape**



**NBR Foam Tape**



**Clamp & Corner**



**Flange & Cleat**



**Compressors**



**Refrigerants Gases**



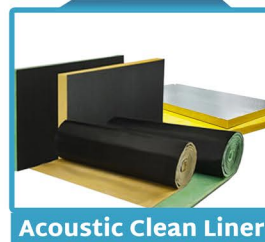
**Copper Coils & Pipes**



**Thermostat**



**Glass Wool Insulation**



**Acoustic Clean Liner**



**Climaver**



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ISO 9001, ISO 14001 & ISO 45001 CERTIFIED



INTERNATIONAL  
ACCREDITATION  
SERVICE



Certificate No. CL1803002



with ECOSE



SINGAPORE GREEN BUILDING PRODUCT

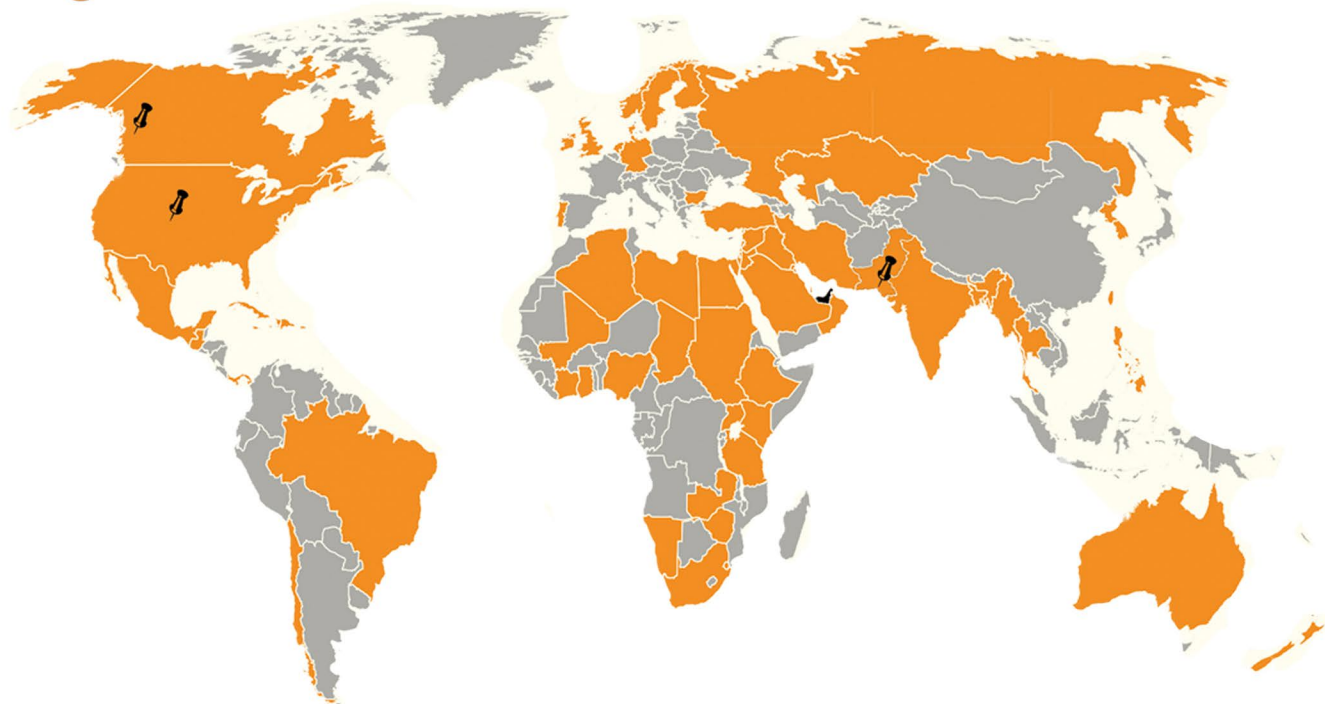


UNITED





## Region & Countries



AVAILABLE IN OVER 90 COUNTRIES GLOBALLY



**U-FLEX**  
PRODUCT OF UNITED



### MANUFACTURING INDUSTRIES & OFFICES

#### • UNITED ARAB EMIRATES

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#### • SRI LANKA

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### TRADING

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