

DESCRIPTION

Aluminum Cladding products are used intensively in Mechanical Insulation Pipes, Rectangular Ducts and Tank Coverings as a protective membrane for the insulation against weather, corrosion & mechanical abuse.

Aluminum Jacketing is manufactured using Alloy that complies with ASTM B209, Alloy 3003, 3005, 3105, or 5005, Temper H14.

Thicknesses used for the cladding are of 0.5mm, 0.6mm, 0.8mm, 1.0mm and 1.2mm.

STUCCO EMBOSSED FINISH

The Stucco-like surface texture hides small scratches and imperfections, caused by physical damage during or after installation.

This finish also reduces reflectivity while still looking very professional.

The use of stucco embossed finish provides a small increase to the rigidity

And strength of the Aluminum cladding



(Plain Mill) FINISH

The Plain finish is very popular for the many end-users who prefer the clean look of this finish. This finish sheds rain water the best. This smooth surface readily shows damage such as from hail or any physical abuse. It also shows the dust/dirt more than the other finishes due to its smoothness.

The plain finish is highly reflective of sunlight specially when located near roadways; some end-users see this reflection as a possible safety hazard.





ISO 9001 : 2015 CERTIFICATE COMPANY

METAL CLADDING

- Method of Statement
- Thickness Schedule

METHOD OF STATEMENT

Cladding Procedures:

1. First site visit is to take dimensions
2. Fabrication of Cladding sheets by Cut-line machine, then rolling and bending.
3. Fixation on site (seam by self-screw) or (Pittsburgh Lock Seam)
4. Fabrication of cladding sheets for fittings by CNC Machine.
5. Checking quality of executed work .

Cladding Thickness for Chilled Water Pipes			
Jacketing Diameter (mm)	Materials Thickness (mm)		
	Aluminum	SS304, 316	Galvanized
60 - 350	0.6	0.5	0.5
355 - 500	0.8	0.6	0.6
505 - 1500	0.8	0.8	0.8
1505 - 2400	1.0	1.0	1.0

Cladding Thickness for Rectangular Ducts			
Jacketing Dimension (mm)	Materials Thickness (mm)		
	Aluminum	SS304, 316	Galvanized
150 - 400	0.6	0.5	0.5
405 - 900	0.8	0.6	0.6
905 - 1500	0.8	0.8	0.8
1505 - 2400	1.0	1.0	1.0
2405 - 3000	1.2	1.0	1.0

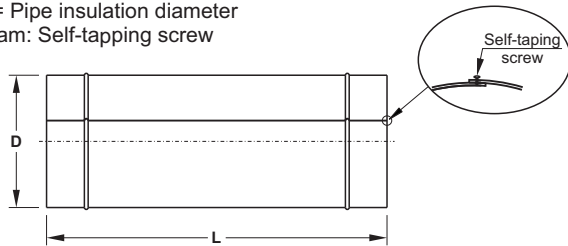


Made in
QATAR

STRAIGHT & FITTINGS

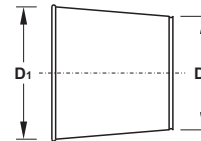
Pipe

- L: Standard Length: 1220mm
- D = Pipe insulation diameter
- Seam: Self-taping screw



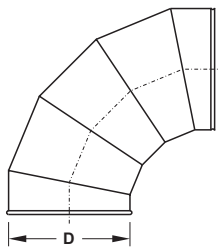
Reducer

- D = Pipe insulation diameter



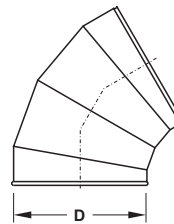
Bend 90°

- B90°
- D = Pipe insulation diameter
- Minimum 5-Gore (Number of Gore Depends on Inner Radius)
- Male Female Beading Connection between segments



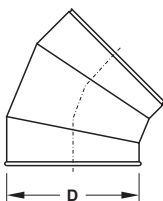
Bend 60°

- B60°
- D = Pipe insulation diameter
- Minimum 4-Gore (Number of Gore Depends on Inner Radius)
- Male Female Beading Connection between segments



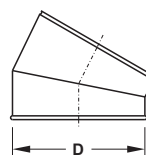
Bend 45°

- B45°
- D = Pipe insulation diameter
- Minimum 3-Gore (Number of Gore Depends on Inner Radius)
- Male Female Beading Connection between segments



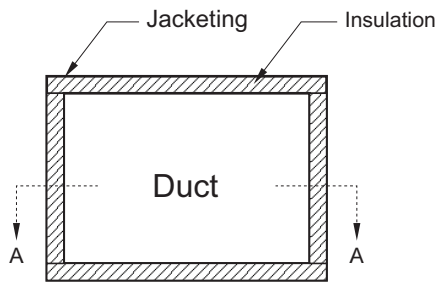
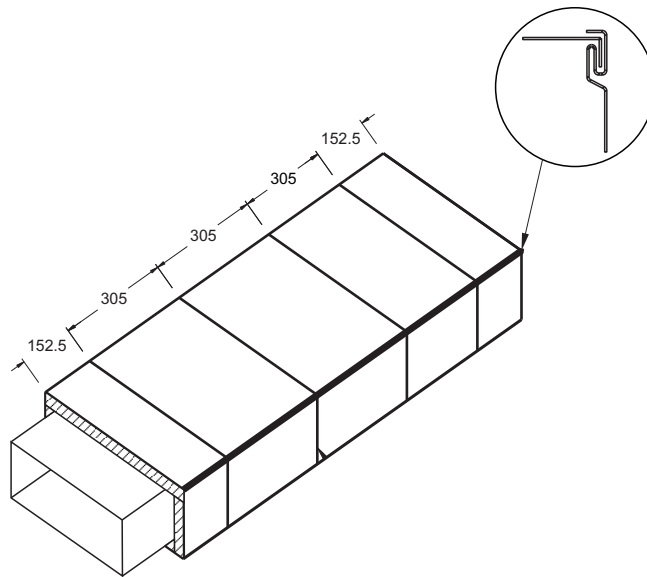
Bend 30°

- B30°
- D = Pipe insulation diameter
- Minimum 2-Gore (Number of Gore Depends on Inner Radius)
- Male Female Beading Connection between segments

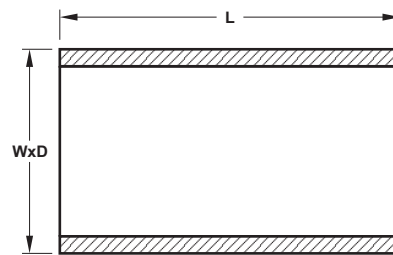


STRAIGHT RECTANGULAR CLADDING

- Straight Jacketing shall be Beaded or Crossbroken
- L= Standard Length 1220mm - (Minus) Connector Type
- (WxD) = Duct Dimension + Thickness Insulation



Front View

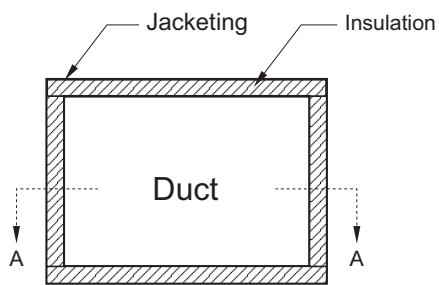
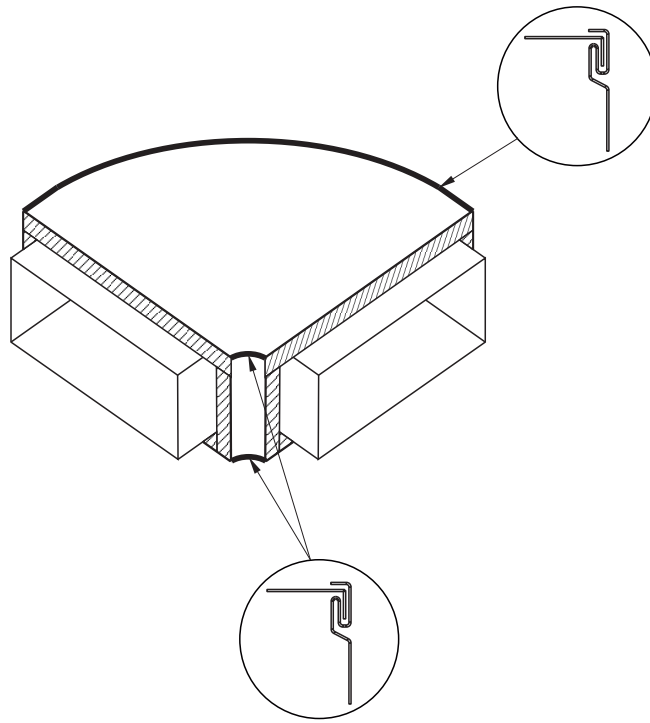


Section A-A

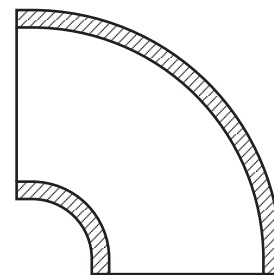


FITTING RECTANGULAR CLADDING

- (WxD) Duct Dimension + Thickness Insulation
- Pittsburgh Lock Seam



Front View



Section A-A

