

# HVAC Aluminum Foil Tape **AFR5090**

**AF-Alum. Foil backing**

**R-Rubber-resin adhesive**

**50-Backing thickness 50um**

**90-Tape thickness 90um**

AFR Series HVAC aluminum foil tapes are single-faced adhesive tape of Aluminum Foil backing which is coated by Rubber-Resin adhesive (PSA). It is synthetic rubber adhesive systems. Rubber-resin Adhesive will be offer good tack and adhesion to a variety of surfaces, but will not perform well in colder temperatures.

AFR Series HVAC tapes suitable for sealing joints and seams of indoor insulation materials. HVAC Tape is most commonly used to exposed surfaces of Duct tape wrap, HVAC Ductwork, Pipeline insulation.

## PRODUCT DESCRIPTION

Thickness 50um normal Aluminum foil backing, coated with synthetic rubber-resin adhesive, protected by an easy-release silicone paper liner.

HVAC foil tape without scrim reinforced backing is a commercial grade foil tape. Suitable for sealing joints and seams of foil-faced insulation materials.

## FEATURES

Aluminum backing provides excellent reflection of both heat and light.

High quality adhesive with super strong adhesion and holding power offers reliable and durable

Foil-Scrim-Kraft Facing joints and seams sealing in HVAC ductwork application.

Low moisture vapor transmission rate makes AFR5090 an excellent vapor barrier.

Service Temperature range from -20°C to +80°C.

## TYPICAL PHYSICAL PROPERTIES

PROPERTIES	METRIC	ENGLISH	TEST METHOD
Backing Thickness	50 Micron	2.0Mil	PSTC-133 / ASTM D 3652
Total Thickness	90Micron	3.6 Mil	PSTC-133 / ASTM D 3652
Adhesion to Steel	20N/25mm	72Oz./In.	PSTC-101 / ASTM D 3330
Tensile Strength	75 N/25mm	17Lb/In	PSTC-131 / ASTM D 3759
Elongation	3.0%	3.0%	PSTC-131 / ASTM D 3759
Service Temperature	-20°C to +80°C	-4°F to +176°F	
Applying Temperature	-10°C to +40°C	+50°F to +105°F	

## TYPICAL APPLICATIONS:

HVAC industry for joining and sealing Foil-Scrim-Kraft Facing laminated fiberglass blanket / duct board joints and seams; joining and sealing flexible air duct seams and connections. May also be used for other industrial uses requiring a tape with these characteristics and benefits.