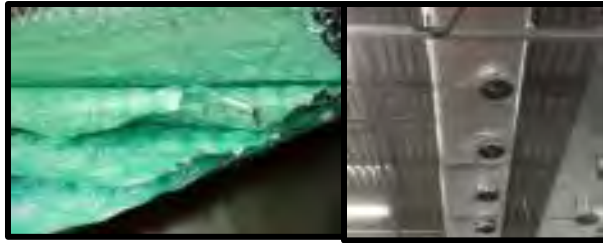




INSULAPACK –INSULATING GAS BUBBLE-FOIL INSULATION



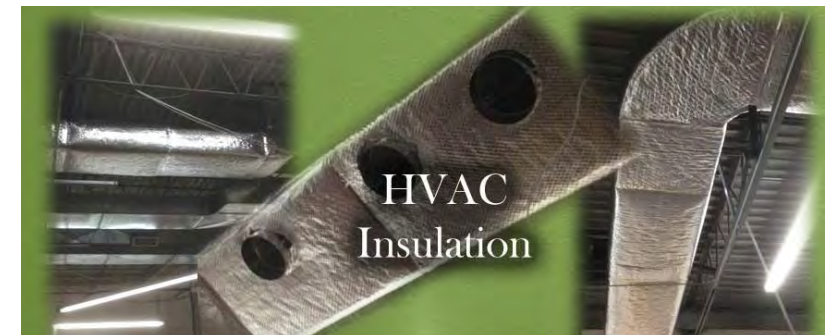
HVAC Insulation



The insulating gas within the cellular bubbles of Insulapack™ is a noble inert gas. It's non-toxic, clear, colourless and odourless. The gas is inactive, non-reactive and will not promote flammability. It has a thermal conductivity 30% lower than that of air which is why this gas is also used as an insulating agent in commercial and residential sealed window units. The insulating gas is denser and therefore less conductive than air, thereby the convection within the air space is significantly reduced, creating a better insulating barrier. Works best with HVAC systems operating between -50F to 180F. Insulapack does not compress therefore thermal performance is continuous across entire surface including edges. Meets ULC 25/50 standards

KEY POINTS

- Will prevent up to 95% of radiant heat transfer with Highest per inch R Value (R-10.6)
- Resistant to mold & mildew, and does not provide for nesting of rodents, birds or insects
- Does not adsorb/absorb moisture.
- Light weight, clean, dust free and recyclable
- Non-toxic and provides its own vapour barrier
- Safe and easy-to-use – no gloves or Masks required at installation as no loose fibers - Non itch
- HVAC insulation reduces sound and heat in the system
- **HVAC foil insulation does not require spacers**
- Elastic, Keeps its thickness over time (doesn't collapse), Flexibility makes for easy installation
- Easy clean surfaces & fits into tight spaces
- Made in Canada





Insulapak – HVAC Foil Insulation Spec Sheet



Test Description	Test Method	Result
Thermal Resistance	ASTM C335	≈R-10.6 per inch
Fire Rating	ASTM E84-13a	Flame Spread 0, Smoke 5
Emissivity	ASTM C1371	0.04
Reflectivity	ASTM E903	0.096
Water vapour transmission	ASTM E96	0.029PERMS
Resistance to fungus & bacteria	ASTM C1338-08	does not promote growth
Delamination or cracking	ASTMC1224-03	None
Operating temperature range	AST411	-50 to 180° F
Temperature & humidity resistance	ASTMC1258	None, some metalized corrosion
Thermal Transmission Properties	ASTM 518-10	No thermal degradation noticed (250 deg. Fehr.)

- Thickness of Insulapak for HVAC ranges from ¼" (R-2.6) to 1" (R10.6)
- Standard width – 48"
- Sheet lengths ranges from 60' to 125' (limited by thickness)



Ripplepak
3115 14th Avenue, Unit 6, Markham Ontario L3R 0H1
Tel: (905) 940-2356
Sales@ripplepak.com

