



REFLECT-R®

R-8 Reflective Insulation for HVAC Ductwrap

Reflect-R® combines radiant heat reflection with the durability of a fiberglass core to deliver reliable R-8 performance for HVAC duct systems. Designed for both commercial and residential applications, Reflect-R helps improve energy efficiency while supporting code compliance and long-term system performance.

BETTER PROTECTION FROM EXTERNAL HEAT

Reflect-R's pure aluminum facing reflects up to 97% of radiant heat gain, helping reduce heat transfer into duct systems.

FASTER ONSITE INSTALLATION

The rigid 1" core, heavy-duty reinforced facing, and multiple tab options are designed for a range of applications, helping installers work faster and reduce jobsite labor time.

SAFER IN-PLACE FIRE PROTECTION

Reflect-R's fiberglass core helps reduce the risk of fire spread compared to many non-fiberglass core reflective insulation products.

THE R-8 SOLUTION

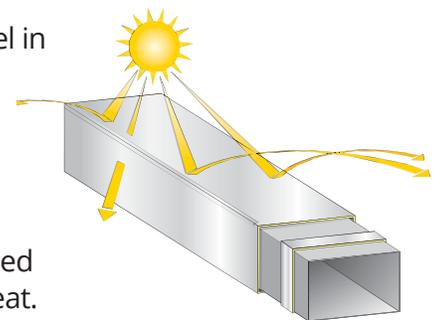
- Achieves R-8 when installed according to manufacturer installation instructions
- Helps reduce noise and vibration in duct systems
- Helps prevent condensation on duct surfaces
- Environmentally friendly construction
- Meets code requirements as tested per ASTM E-84; Class A / Class 1 rating
- Maintains long-term R-value performance



UNDERSTANDING RADIANT HEAT TRANSFER

Infrared waves create radiant heat and travel in straight lines at the speed of light until they contact a surface. Without a reflective barrier, this energy can be absorbed and converted into heat.

Reflect-R insulation helps address this by deflecting up to 97% of radiant heat energy.



Get the Facts

R-VALUES Tested per ASTM C-518

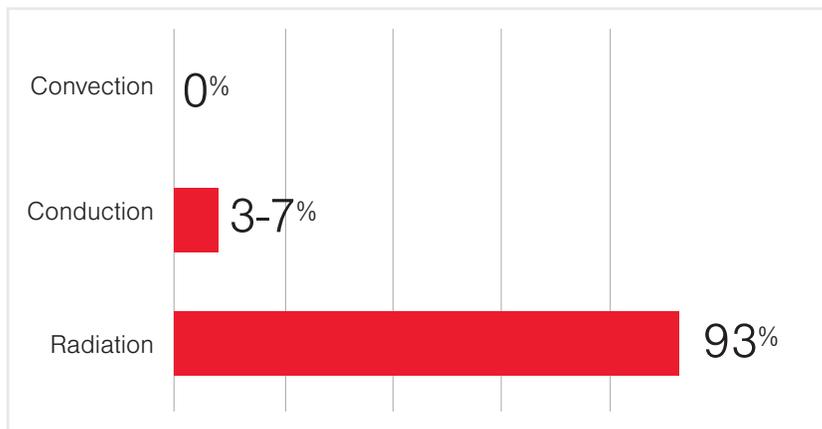
1" Thickness

CONFIGURATION	FTC "SYSTEM R-VALUE"	"INSTALLED R-VALUE"
	<i>Material + Air Space</i>	<i>Material + Air Space + Air Film</i>
No Air Space	2.8	5.2
1" Rigid Spacers	5.5	8.0
1" Rigid Spacers	5.7	8.2

To achieve installed R-values, Reflect-R must be installed per manufacturer installation instructions and required air space must be maintained.

SUMMER HEAT GAIN

Heat transfers through convection, conduction, and radiation — with radiation accounting for the majority of summer heat gain.



PRODUCT SPECIFICATIONS

WIDTH:	48"
LENGTH:	80'
THICKNESS:	1"
TAB OPTIONS:	1"-6"
FOIL FACING:	99.9% pure aluminum

TECHNICAL INFORMATION

R-VALUE (1"):	Up to 8.2 (ASTM C-518)
FLAME SPREAD:	25 (ASTM E-84)
SMOKE DEVELOPMENT:	38 (ASTM E-84)
EMITTANCE:	.04 (ASTM C-1371)
MOISTURE SORPTION:	<5% by weight
MOISTURE VAPOR TRANSMISSION:	.02 perms (max)
CORROSIVITY:	Does not accelerate
ODOR:	None
SHRINKAGE:	None
RESISTANCE TO FUNGI & BACTERIA:	Does not breed or promote

