



100% MADE IN THE USA

FullMetalGel

PREINSULATED COPPER ROLL WITH ALUMINUM PROTECTIVE LAYER

APPLICATIONS

An aluminum layer placed on top of polyethylene insulation foam and protective skin makes product extremely durable and resistant also for underground and outdoor installation eliminating the need of plastic ducts. An additional polyethylene outer jacket prevents aluminum from getting damaged by interior walls. It perfectly fits every air conditioning application such as ductless mini-split, heat pump units.

TECHNICAL SPECS

INSULATION

Polyethylene closed cell foam: assures thermal insulation from surroundings.

ASTM C 1427-07 compliant

Type I (tubular)

Grade I (insulation material for use on typical commercial system non-crosslinked).

Low-density polyethylene foam: closed cells foam, CFC and HCFC gas free

Water vapor permeability: ASTM E96-00 compliant

Working temperature: ASTM C 1427-07 compliant

Wall thickness: 1/2" and 3/4"

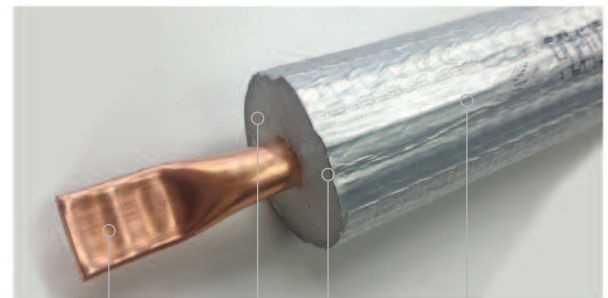
Surface burning characteristics: UL 94, top rated – UL 723, ASTM E84 (25/50) compliant, flame and Spread Index less than 25 and Smoke Development Index less than 50 as tested according to UL 723.

R-Value: between 6.0 and 3.0 (depending on pipe diameter)

COPPER

Pipes: Manufactured according to ASTM B280

Copper: No. C122200 DHP (phosphorous deoxidized, high residual phosphorous), 99.90%.



Inner copper pipe

Foam Insulation

Aluminum protective layer

External protective layer

SPECIAL FEATURES

Aluminum protective layer: aluminum layer provides extremely high durability and protection

Exterior Jacket: additional polyethylene outer jacket protects aluminum from getting damaged

Foot Marking: insulation incrementally marked by every foot to ensure accurate initial unit charge.

R410a approved: Gelcopper can be used in applications where high-pressure gases are used as refrigeration source.

Paintable: the insulation can be painted to match the surroundings.

UV proof: FullMetalGel is UV proof!



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TRY IT, LOVE IT.

PRODUCT TABLE

PDM US PART NUMBER	ROLL SIZE	INSULATION	ROLLS (per pallet)	LENGTH (of rolls)
FMG.GUS145012	1/4	1/2	26	50 FT
FMG.GUS385012	3/8	1/2	22	50 FT
FMG.GUS125012	1/2	1/2	20	50 FT
FMG.GUS585012	5/8	1/2	14	50 FT
FMG.GUS345012	3/4	1/2	14	50 FT
FMG.GUS785012	7/8	1/2	14	50 FT
FMG.GUS1416412	1/4	1/2	10	164 FT
FMG.GUS3816412	3/8	1/2	8	164 FT
FMG.GUS1216412	1/2	1/2	8	164 FT
FMG.GUS5816412	5/8	1/2	6	164 FT
FMG.GUS348212	3/4	1/2	10	82 FT
FMG.GUS788212	7/8	1/2	10	82 FT