



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. It's higher UV resistance makes it ideal for outdoor installations or even underground. It perfectly fits every air conditioning application such as ductless mini-splits, VRF, heat pumps and unitary systems.

#### 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"

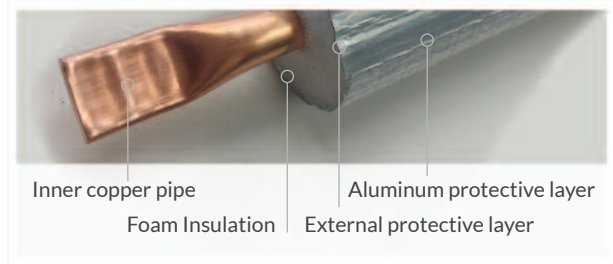
**Surface burning characteristics:** UL 94, top rated - UL 723, ASTM E84 (25/50) compliant, flame and Spread Index less than 25 and Smoke Development Index less than 50 as tested according to UL 723

**R-Value:** 4.0

##### COPPER

**Pipes:** Manufactured according to ASTM B280

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



#### 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 and reduce copper waste.

**R410:** FullMetalGel can be used in applications where high-pressure gases are used as refrigeration source

**Anti UV:** This product is 100% Anti UV and successfully tested against any related degradation, discoloration or deterioration for a minimum of 5 years

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

**Infinitek-ready:** product can be ordered with Infinitek technology for the ultimate in copper durability. Please refer to pages 3-4 for additional information about Infinitek.

PDM US recommends using a high quality exterior paint for added protection when installed in exposed exterior areas. Installation under plastic duct is recommended to protect from severe weather conditions, accidental damages, or theft.



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TRY IT, LOVE IT.

## PRODUCT TABLE

PDM US PART NUMBER	COIL SIZE	INSULATION	COILS (per pallet)	LENGTH (of coils)
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