



100% MADE IN THE USA

FullMetalGel™ PREINSULATED COPPER ROLL WITH ALUMINUM PROTECTIVE LAYER

APPLICATIONS

An aluminum layer placed on top of GelCopper™ polyethylene insulation foam and protective skin makes product extremely durable and resistant. Its 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

Low Density Polyethylene Closed Cell Foam

ASTM C 1427-07 compliant

Type I (tubular)

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

CFC and HCFC gas free

Water vapor permeability: ASTM E96-00 compliant

Working temperature: ASTM C 1427-07 compliant from -94 F to +250 F

Wall thickness: 1/2"

Surface burning characteristics: UL 723 (ASTM E84 25/50) compliant, flame spread less than 25, smoke developed less than 50. UL 94, top rated.

R-Value: 4.0

UV Resistance: Successfully tested internally for UV resistance against any major degradation, discoloration or deterioration for a minimum of 5 years.

COPPER

Seamless copper tube for air conditioning and refrigeration.

Manufactured according to ASTM B280 C12200 DHP 99.9% pure.



SPECIAL FEATURES

Outer Jacket: Additional white polyethylene jacket cover protects foam insulation from tearing during installation process.

Foot Marking: Insulation incrementally marked by every foot to ensure accurate initial unit charge and reduce copper waste.

R410: Can be used in applications where high-pressure gases are used as a refrigeration source.

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

PDM US recommends using a high-quality exterior paint for added protection on its products when installed in exposed exterior areas. Installation under plastic duct is also recommended. It is instead **mandatory** to completely seal the extremity of the copper pipe when connecting it to the AC unit to avoid water or any other external agent to penetrate the insulation. Incorrect installation of PDM products might void the warranty.



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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 |