



100% MADE IN THE USA



GelCopper 3/8" x 1/2" R4 25/50 UL LISTED RATED FOR SERVICE ON THESE CONDITIONS: 10+ UV UL VERIFIED #332221 PROCESS USA 1331 10-10-13 ft. 137

# GelCopper™ PREINSULATED COPPER ROLL

## APPLICATIONS

Individual preinsulated rolls that perfectly fits every air conditioning, such as ductless mini-splits, VRF, heat pumps and unitary systems. Available in 50 ft and 164 ft with 1/2", 3/4" or 1" insulation thickness. All rolls are marked by the foot for proper line charging and maximum waste reduction.

## 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", 3/4" and 1"

**Surface burning characteristics:** **UL723 CLASSIFIED R39562** (ASTM E84 25/50), surface burning characteristics: flame spread 0, smoke developed 10. UL 94, top rated.

**R-Value:** between 9.0 and 4.0 (depending on pipe diameter and insulation thickness)

**UV:** This product is **UL PERFORMANCE VERIFIED** for UV exposure (visit:<https://verify.ul.com>) and successfully tested internally for UV resistance against any major degradation, discoloration or deterioration for a minimum of 3 years.

### COPPER

Seamless copper tube for air conditioning and refrigeration.

Manufactured according to ASTM B280 C12200 DHP 99.9% pure.



External protective layer

Foam Insulation

Inner copper pipe

## 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 **strongly recommended** 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)
F100.GUS145012	1/4	1/2	26	50 FT
F100.GUS385012	3/8	1/2	22	50 FT
F100.GUS125012	1/2	1/2	20	50 FT
F100.GUS585012	5/8	1/2	14	50 FT
F100.GUS345012	3/4	1/2	14	50 FT
F100.GUS785012	7/8	1/2	14	50 FT
F100.GUS1185012	1-1/8	1/2	6	50 FT
F100.GUS1416412	1/4	1/2	10	164 FT
F100.GUS3816412	3/8	1/2	8	164 FT
F100.GUS1216412	1/2	1/2	8	164 FT
F100.GUS5816412	5/8	1/2	6	164 FT
F100.GUS348212	3/4	1/2	10	82 FT
F100.GUS788212	7/8	1/2	10	82 FT
F100.GUS145034	1/4	3/4	14	50 FT
F100.GUS385034	3/8	3/4	14	50 FT
F100.GUS125034	1/2	3/4	12	50 FT
F100.GUS585034	5/8	3/4	12	50 FT
F100.GUS345034	3/4	3/4	10	50 FT
F100.GUS785034	7/8	3/4	10	50 FT
F100.GUS1450100	1/4	1	12	50 FT
F100.GUS3850100	3/8	1	10	50 FT
F100.GUS1250100	1/2	1	10	50 FT
F100.GUS5850100	5/8	1	10	50 FT
F100.GUS3450100	3/4	1	8	50 FT
F100.GUS7850100	7/8	1	8	50 FT