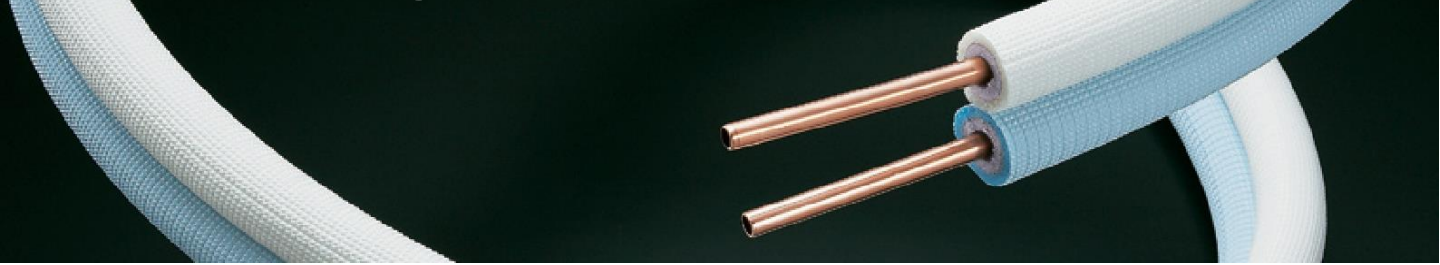
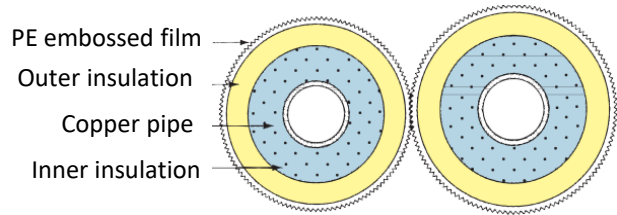


# Insulated Copper Pipe for Floor Heating



## MC MC Insulated Copper Pipe for Floor Heating



### Features;

- Conforms to JIS H3300 C1220T JISA 9511 A-PE-C-2.
- Soft annealed copper tube insulated by highly foamed dual layer polyethylene.
- Surface is protected and decorated by polyethylene film.
- Ideal for the connection of floor heating in cold district.
- 2 Color-coded (sky blue and white) is for the identification of connection.
- Remaining length is printed on insulation at 1 meter intervals.

Model No.	Copper Tube Size				Insulation Size				Length (m)	Q'ty
	Outer Dimension		Wall Thickness		Outer Dimension		Wall Thickness			
	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial		
MC-3320S	9.52	3/8"	0.60	0.024	31 × 2	1.220 × 2	10	0.394	20	1
MC-4420	12.70	1/2"	0.64	0.025	34 × 2	1.338 × 2	10	0.394	20	1





## PEM PE Insulation tube

### Features;

- High grade dual layer structure insulation which has 30 times chemical expanded independent crosslinked polyethylene form for thermal resistance up to 120 degrees.
- Diamond cut shape embossed outer plastic film brings high scratches resistance and wrinkle free.
- Stable insulation achieved by independent foam structure, almost no deterioration due to water / moisture absorption which are seen rock wool and glass wool.

### PE Insulation Tube Characteristic

Insulation	30 times expanded independent crosslinked PE
Surface film	Polyethylene
Thermal conductivity (average temp. 23°C)	< 0.043W / m · K
Tensile strength	> 14N / cm <sup>2</sup>
Water absorption	< 2.0g / 100cm <sup>2</sup>
Thickness absorption rate (120°C ± 5°C)	< 7%
Heat-resistant temperature	-40°C ~ 120°C
Flame-retardance	equivalent with JCDA

### PEM PE Insulation Tube

Model No.	Insulation Size						Length (m)	Color	Package Q'ty
	Inner Diameter		Outer Diameter		Wall Thickness				
	Metric	Imperial	Metric	Imperial	Metric	Imperial			
PEM-6-8	8	0.315	24	0.945	8	0.315	2	White	50
PEM-9-8	11	0.433	27	1.063	8	0.315	2		50
PEM-12-10	14	0.551	34	1.339	10	0.394	2		50
PEM-15-10	17	0.669	37	1.457	10	0.394	2		50
PEM-19-10	21	0.827	41	1.614	10	0.394	2		30
PEM-22-10	24	0.945	44	1.732	10	0.394	2		30
PEM-25-10	27	1.063	47	1.850	10	0.394	2		30
PEM-28-10	30	1.181	50	1.969	10	0.394	2		24
PEM-31-10	33	1.299	53	2.087	10	0.394	2		24
PEM-38-10	40	1.575	60	2.362	10	0.394	2		20
PEM-9-20	11	0.433	51	2.008	20	0.787	2	White	30
PEM-12-20	14	0.551	54	2.126	20	0.787	2		24
PEM-15-20	17	0.669	57	2.244	20	0.787	2		20
PEM-19-20	21	0.827	61	2.402	20	0.787	2		20
PEM-22-20	24	0.945	64	2.520	20	0.787	2		14
PEM-25-20	27	1.063	67	2.638	20	0.787	2		14
PEM-28-20	30	1.181	70	2.756	20	0.787	2		12
PEM-31-20	33	1.299	73	2.874	20	0.787	2		12
PEM-38-20	40	1.575	80	3.150	20	0.787	2		12