

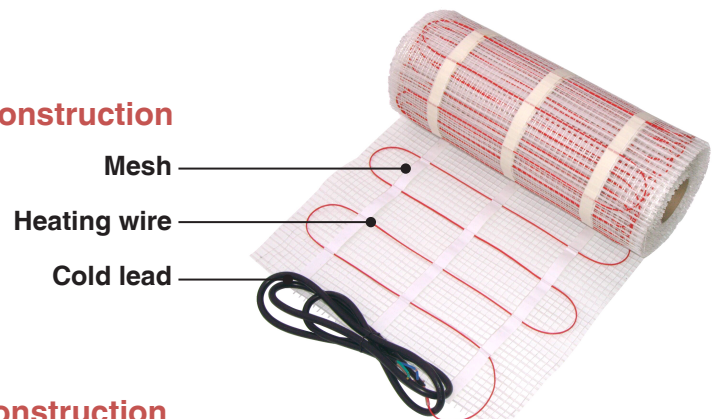
Under Tile Heating Mat

Description

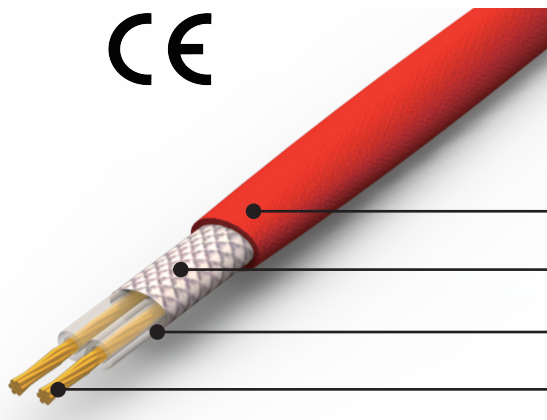
Underfloor heating mats add to the ease of installation having the heating cable pre-spaced on to a mesh, ensuring the heat is distributed evenly across the tiled floor. Heating mats are quick and easy to install, making them the perfect off-the-shelf product for DIY markets. The matting can be cut and turned to fit any room and navigate around fixed obstacles. Installed directly beneath the floor covering with tile adhesive, they increase floor level by only 3 mm.

With our expertise in heat tracing industry, we are able to design and deliver strong, durable and safe underfloor heating wires and mats. Our heating mats are CE approval and compliant with earthing requirements for installation in wet areas such as bathrooms.

Heating Mat Construction



CE



Cable Construction

Jacket: Flouropolymer (FEP)

Screen: Tinned-Cu braid

Insulation: Flouropolymer (FEP)

Heating Conductor: Multi strands heating alloy

Features

- Even heat distribution
- Toughest and thinnest wire (only 2.6 mm thick)
- No installation experience is necessary
- 100 W/m², 150 W/m² and 200 W/m² available
- Easy installation, save time and labor
- Energy and cost efficient
- CE approved

Performance

- Apply Voltage: 230V
- Cable Construction: Multi-strand conductor, twin cores
- Cable Diameter: $\varnothing 2 \times 2.6$ mm
- Cold Tail Length: 2 m
- Mesh: Fiberglass (sticky mesh is also available)
- Mat Width: 50 cm

Ordering Information

100W/m²

Model Number	Mat Size (m x m)	Area (m ²)	Total Power (W)	Total Current (A)
UTM100SM3-0010	0.5 x 2	1	100	0.4
UTM100SM3-0015	0.5 x 3	1.5	150	0.7
UTM100SM3-0020	0.5 x 4	2	200	0.9
UTM100SM3-0025	0.5 x 5	2.5	250	1.1
UTM100SM3-0030	0.5 x 6	3	300	1.3
UTM100SM3-0035	0.5 x 7	3.5	350	1.5
UTM100SM3-0040	0.5 x 8	4	400	1.7
UTM100SM3-0045	0.5 x 9	4.5	450	2.0
UTM100SM3-0050	0.5 x 10	5	500	2.2
UTM100SM3-0060	0.5 x 12	6	600	2.6
UTM100SM3-0070	0.5 x 14	7	700	3.0
UTM100SM3-0080	0.5 x 16	8	800	3.5
UTM100SM3-0090	0.5 x 18	9	900	3.9
UTM100SM3-0100	0.5 x 20	10	1000	4.4
UTM100SM3-0110	0.5 x 22	11	1120	4.8
UTM100SM3-0120	0.5 x 24	12	1200	5.2

150W/m²

Model Number	Mat Size (m x m)	Area (m ²)	Total Power (W)	Total Current (A)
UTM150SM3-0010	0.5 x 2	1	150	0.6
UTM150SM3-0015	0.5 x 3	1.5	225	1.0
UTM150SM3-0020	0.5 x 4	2	300	1.3
UTM150SM3-0025	0.5 x 5	2.5	375	1.6
UTM150SM3-0030	0.5 x 6	3	450	2.0
UTM150SM3-0035	0.5 x 7	3.5	525	2.3
UTM150SM3-0040	0.5 x 8	4	600	2.6
UTM150SM3-0045	0.5 x 9	4.5	675	2.9
UTM150SM3-0050	0.5 x 10	5	750	3.3
UTM150SM3-0060	0.5 x 12	6	900	3.9
UTM150SM3-0070	0.5 x 14	7	1050	4.6
UTM150SM3-0080	0.5 x 16	8	1200	5.2
UTM150SM3-0090	0.5 x 18	9	1350	5.9
UTM150SM3-0100	0.5 x 20	10	1500	6.5
UTM150SM3-0110	0.5 x 22	11	1650	7.2
UTM150SM3-0120	0.5 x 24	12	1800	7.8

Ordering Information

200W/m²

Model Number	Mat Size (m x m)	Area (m ²)	Total Power (W)	Total Current (A)
UTM200SM3-0010	0.5 x 2	1	200	0.9
UTM200SM3-0015	0.5 x 3	1.5	300	1.3
UTM200SM3-0020	0.5 x 4	2	400	1.7
UTM200SM3-0025	0.5 x 5	2.5	500	2.2
UTM200SM3-0030	0.5 x 6	3	600	2.6
UTM200SM3-0035	0.5 x 7	3.5	700	3.0
UTM200SM3-0040	0.5 x 8	4	800	3.5
UTM200SM3-0045	0.5 x 9	4.5	900	3.9
UTM200SM3-0050	0.5 x 10	5	1000	4.4
UTM200SM3-0060	0.5 x 12	6	1200	5.2
UTM200SM3-0070	0.5 x 14	7	1400	6.1
UTM200SM3-0080	0.5 x 16	8	1600	7.0
UTM200SM3-0090	0.5 x 18	9	1800	7.8
UTM200SM3-0100	0.5 x 20	10	2000	8.7
UTM200SM3-0110	0.5 x 22	11	2200	9.6
UTM200SM3-0120	0.5 x 24	12	2400	10.4

Further Information

Please consult the appropriate termination instructions and the E-POLY Installation, Testing and Maintenance Manual for further details.