

AFMAT Floor Heating Mat Series

Combined the highest comfort levels with maximum energy efficiency.
It's a proven technology that's safe, reliable and energy efficient.



- For laminate floor and under carpet heating
- Single point connection
- Emits zero EMF (electromagnetic fields)
- Durable construction
- The AFMAT floor warming system includes a fluoropolymer insulated heating cable woven into a specially reinforced aluminum foil that allows for simple roll-out installation without worrying about heating cable spacing.
- Twin-conductor cable
- Flexible installation
- 25 years limited warranty

AFMAT Specifications

Cable Construction:	Twin conductor
Rated Voltage:	230V
Output:	80W/m ² , 100W/m ² , 140W/m ² , 150W/m ² , 160W/m ² , 200W/m ²
Cable spacing:	50mm
Cable Diameter:	1.0mm
Conductor Insulation:	Fluoropolymer
Max. Ambient Temp:	85°F(30°C)
Min. Installation Temp:	40°F(5°C)
Cold lead:	2-wire plus ground, 2.5m length
Smooth Connection applications:	Yes

Ordering Information (AF-MAT)

230V	Heated Area	Mat Dimensions	Watts (80W/m ² .)	Amps	Ohms
Catalog Number	m ²	m*m			
AFmat/80-80-1.0	1.0	0.5*2	80	0.3	661.3
AFmat/80-120-1.5	1.5	0.5*3	120	0.5	440.8
AFmat/80-160-2.0	2.0	0.5*4	160	0.7	330.6
AFmat/80-200-2.5	2.5	0.5*5	200	0.9	264.5
AFmat/80-240-3.0	3.0	0.5*6	240	1.0	220.4
AFmat/80-280-3.5	3.5	0.5*7	280	1.2	188.9
AFmat/80-320-4.0	4.0	0.5*8	320	1.4	165.3
AFmat/80-360-4.5	4.5	0.5*9	360	1.6	146.9
AFmat/80-400-5.0	5.0	0.5*10	400	1.7	132.3
AFmat/80-480-6.0	6.0	0.5*12	480	2.1	110.2
AFmat/80-560-7.0	7.0	0.5*14	560	2.4	94.5
AFmat/80-640-8.0	8.0	0.5*16	640	2.8	82.7
AFmat/80-720-9.0	9.0	0.5*18	720	3.1	73.5
AFmat/80-800-10	10	0.5*20	800	3.5	66.1
AFmat/80-960-12	12	0.5*24	960	4.2	55.1

Ordering Information (AF-MAT)

230V	Heated Area	Mat Dimensions	Watts (100W/m ² .)	Amps	Ohms
Catalog Number	m ²	m*m			
AFmat/100-100-1.0	1.0	0.5*2	100	0.4	529
AFmat/100-150-1.5	1.5	0.5*3	150	0.7	353.7
AFmat/100-200-2.0	2.0	0.5*4	200	0.9	264.5
AFmat/100-250-2.5	2.5	0.5*5	250	1.1	211.6
AFmat/100-300-3.0	3.0	0.5*6	300	1.3	176.3
AFmat/100-350-3.5	3.5	0.5*7	350	1.5	151.1
AFmat/100-400-4.0	4.0	0.5*8	400	1.7	132.3
AFmat/100-450-4.5	4.5	0.5*9	450	2	117.6
AFmat/100-500-5.0	5.0	0.5*10	500	2.2	105.8
AFmat/100-600-6.0	6.0	0.5*12	600	2.6	88.2
AFmat/100-700-7.0	7.0	0.5*14	700	3	75.6
AFmat/100-800-8.0	8.0	0.5*16	800	3.5	66.1
AFmat/100-900-9.0	9.0	0.5*18	900	3.9	58.8
AFmat/100-1000-10	10	0.5*20	1000	4.3	52.9
AFmat/100-1200-12	12	0.5*24	1200	5.2	44.1

Ordering Information (AF-MAT)

230V	Heated Area	Mat Dimensions	Watts (140W/m ² .)	Amps	Ohms
Catalog Number	m ²	m*m			
AFmat/140-140-1.0	1.0	0.5*2	140	0.6	377.9
AFmat/140-210-1.5	1.5	0.5*3	210	0.9	251.9
AFmat/140-280-2.0	2.0	0.5*4	280	1.2	188.9
AFmat/140-350-2.5	2.5	0.5*5	350	1.5	151.1
AFmat/140-420-3.0	3.0	0.5*6	420	1.8	126.0
AFmat/140-490-3.5	3.5	0.5*7	490	2.1	108.0
AFmat/140-560-4.0	4.0	0.5*8	560	2.4	94.5
AFmat/140-630-4.5	4.5	0.5*9	630	2.7	84.0
AFmat/140-700-5.0	5.0	0.5*10	700	3.0	75.6
AFmat/140-840-6.0	6.0	0.5*12	840	3.7	63.0
AFmat/140-980-7.0	7.0	0.5*14	980	4.3	54.0
AFmat/140-1120-8.0	8.0	0.5*16	1120	2.8	47.2
AFmat/140-1260-9.0	9.0	0.5*18	1260	3.1	42.0
AFmat/140-1400-10	10	0.5*20	1400	3.5	37.8
AFmat/140-1680-12	12	0.5*24	1680	4.2	31.5

Ordering Information (AF-MAT)

230V	Heated Area	Mat Dimensions	Watts (150W/m ² .)	Amps	Ohms
Catalog Number	m ²	m*m			
AFmat/150-150-1.0	1.0	0.5*2	150	0.7	352.7
AFmat/150-225-1.5	1.5	0.5*3	225	1.0	235.1
AFmat/150-300-2.0	2.0	0.5*4	300	1.3	176.3
AFmat/150-375-2.5	2.5	0.5*5	375	1.6	141.1
AFmat/150-450-3.0	3.0	0.5*6	450	2.0	117.6
AFmat/150-525-3.5	3.5	0.5*7	525	2.3	100.8
AFmat/150-600-4.0	4.0	0.5*8	600	2.6	88.2
AFmat/150-675-4.5	4.5	0.5*9	675	2.9	78.4
AFmat/150-750-5.0	5.0	0.5*10	750	3.3	70.5
AFmat/150-900-6.0	6.0	0.5*12	900	3.9	58.8
AFmat/150-1050-7.0	7.0	0.5*14	1050	4.6	50.4
AFmat/150-1200-8.0	8.0	0.5*16	1200	5.2	44.1
AFmat/150-1350-9.0	9.0	0.5*18	1350	5.9	39.2
AFmat/150-1500-10	10	0.5*20	1500	6.5	35.3
AFmat/150-1800-12	12	0.5*24	1800	7.8	29.4

Ordering Information (AF-MAT)

230V	Heated Area	Mat Dimensions	Watts (160W/m ² .)	Amps	Ohms
Catalog Number	m ²	m*m			
AFmat/160-160-1.0	1.0	0.5*2	160	0.7	330.6
AFmat/160-240-1.5	1.5	0.5*3	240	1	220.4
AFmat/160-320-2.0	2.0	0.5*4	320	1.4	165.3
AFmat/160-400-2.5	2.5	0.5*5	400	1.7	132.3
AFmat/160-480-3.0	3.0	0.5*6	480	2.1	110.2
AFmat/160-560-3.5	3.5	0.5*7	560	2.4	94.5
AFmat/160-640-4.0	4.0	0.5*8	640	2.8	82.7
AFmat/160-720-4.5	4.5	0.5*9	720	3.1	73.5
AFmat/160-800-5.0	5.0	0.5*10	800	3.8	66.1
AFmat/160-960-6.0	6.0	0.5*12	960	4.2	55.1
AFmat/160-1120-7.0	7.0	0.5*14	1120	4.9	47.2
AFmat/160-1280-8.0	8.0	0.5*16	1280	5.6	41.3
AFmat/160-1440-9.0	9.0	0.5*18	1440	6.3	36.7
AFmat/160-1600-10	10	0.5*20	1600	7	33.1
AFmat/160-1760-12	12	0.5*24	1760	8.3	27.6

Ordering Information (AF-MAT)

230V	Heated Area	Mat Dimensions	Watts (200W/m ² .)	Amps	Ohms
Catalog Number	m ²	m*m			
AFmat/200-200-1.0	1.0	0.5*2	200	0.9	264.5
AFmat/200-300-1.5	1.5	0.5*3	300	1.3	176.3
AFmat/200-400-2.0	2.0	0.5*4	400	1.7	132.3
AFmat/200-500-2.5	2.5	0.5*5	500	2.2	105.8
AFmat/200-600-3.0	3.0	0.5*6	600	2.6	88.2
AFmat/200-700-3.5	3.5	0.5*7	700	3	75.6
AFmat/200-800-4.0	4.0	0.5*8	800	3.5	66.1
AFmat/200-900-4.5	4.5	0.5*9	900	3.9	58.8
AFmat/200-1000-5.0	5.0	0.5*10	1000	4.3	52.9
AFmat/200-1200-6.0	6.0	0.5*12	1200	5.2	44.1
AFmat/200-1400-7.0	7.0	0.5*14	1400	6.1	37.8
AFmat/200-1600-8.0	8.0	0.5*16	1600	7	33.1
AFmat/200-1800-9.0	9.0	0.5*18	1800	7.8	29.4
AFmat/200-2000-10	10	0.5*20	2000	8.7	26.5
AFmat/200-2400-12	12	0.5*24	2400	10.4	22

Warranty

25 years limited warranty against defects in material, design, or workmanship.

Approvals

