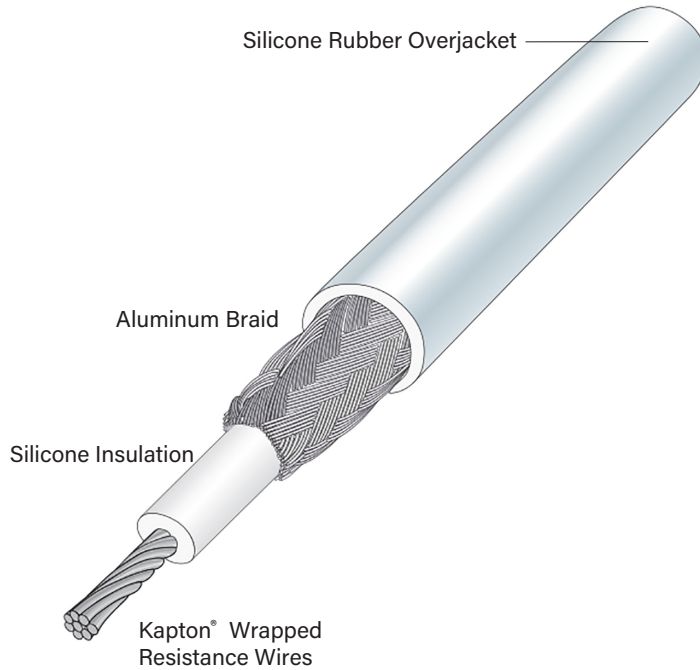


Floor Warming (FW) Cable

Silicone Jacketed



DESCRIPTION

Delta-Therm floor warming cables are designed for residential and commercial installations. The cables operate at a variety of voltages and can be used in secondary heating applications.

Cables - Our floor warming cable consists of a high tensile strength alloy conductor wrapped with 4 mil Kapton®. The conductor is encased in silicone rubber rated at 302°F (150°C). An aluminum braid, equivalent to 16 AWG, is woven over the primary insulation to serve as a ground path. Another layer of silicone rubber is extruded over the aluminum braid to provide additional electrical insulation. Cable output produces a watt density of approximately 10-15 watts per Sq. Ft. (129-161 Sq. m) when installed on 5-7" (13-18cm) centers.

FW cable is supplied with floor clips and screws for attaching cable to subfloor.

APPLICATIONS

Floor Warming and Radiant Heating

APPROVALS

Floor warming cables are CSA certified for embedded floor heating applications in mortar other than concrete.

Kapton is a registered trademark of Dupont.

FW Technical Information

120 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW12-15	15-24 (1.3-2.2)	120	1.8	218	30' (9)
FW12-25	25-40 (2.3-3.7)	120	3.1	372	53' (16)
FW12-40	41-49 (3.8-4.5)	120	3.8	456	76' (23)
FW12-50	50-59 (4.6-5.4)	120	5.1	612	101' (31)
FW12-60	60-75 (5.5-6.9)	120	7.5	900	145' (44)
FW12-80	76-80 (7.0-7.4)	120	9.9	1188	158' (48)
FW12-100	81-100 (7.5-9.2)	120	9.8	1176	197' (60)

208 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW20-35	33-41 (3.0-3.8)	208	2.4	499	70' (21)
FW20-45	42-52 (3.9-4.8)	208	3.0	624	92' (28)
FW20-65	53-77 (4.9-7.1)	208	3.8	790	130' (40)
FW20-85	78-103 (7.2-9.5)	208	5.2	1182	170' (52)
FW20-105	104-124 (9.6-11.5)	208	7.5	1560	252' (77)
FW20-125	125-132 (11.6-12.2)	208	7.6	1580	250' (76)
FW20-145	133-149 (12.3-13.8)	208	9.3	1934	290' (88)
FW20-155	150-164 (13.9-15.2)	208	10.8	2246	310' (94)
FW20-165	165-177 (15.3-16.4)	208	10.2	2121	330' (101)

240 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW24-30	30-47 (2.7-4.3)	240	1.8	432	60' (18)
FW24-55	48-60 (4.4-5.5)	240	3.0	720	110' (34)
FW24-70	61-80 (5.6-7.4)	240	4.1	960	140' (43)
FW24-100	81-124 (7.5-11.5)	240	5.1	1224	200' (61)
FW24-140	125-156 (11.6-14.4)	240	7.8	1872	280' (85)
FW24-160	157-169 (14.5-15.7)	240	9.7	2328	320' (98)
FW24-170	170-179 (15.8-16.6)	240	9.1	2184	340' (104)
FW24-180	180-216 (16.7-20.0)	240	10.8	2592	360' (110)

277 VOLT FW CABLES

Part No.	Max. Coverage Area Sq. Ft. (Sq. m)	Volts	Amps	Watts	Heated Cable Length Ft. (m)
FW27-35	33-56 (3.0-5.2)	277	1.8	499	70' (21)
FW27-60	57-98 (5.3-9.1)	277	3.1	858	120' (37)
FW27-110	99-144 (9.2-13.3)	277	5.4	1496	220' (67)
FW27-160	145-178 (13.4-16.5)	277	7.9	2186	320' (98)
FW27-185	179-190 (16.6-17.6)	277	9.7	2686	370' (113)
FW27-200	191-207 (17.7-19.2)	277	9.0	2493	400' (122)
FW27-220	208-233 (19.3-21.6)	277	10.1	2797	440' (134)

CONTROLS

UDG-4999	Multi-voltage (120, 208, And 240 VAC) Electronic Programmable Thermostat with floor temp sensing probe.
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PANELS

LNR	Low Noise Power Relay Panels
DT-XXPXX	Enclosed Contactor Panels

ACCESSORIES

FW Clips	FW Cable Floor Attachment Clips
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