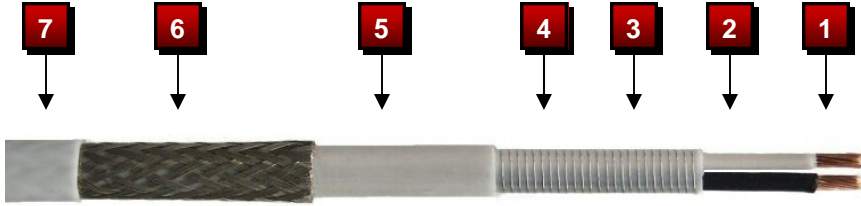




& ASSOCIATES, INC.

FEP CONSTANT WATTAGE HEATER CABLE



1. 12 AWG Buss Wires
2. 10 mils Insulation
3. 10 mils Insulation
4. Resistance Wire
5. 22 mils Insulation
6. Ground Braid
7. Optional 15 mil Overjacket



Description

FEP & **PFA** constant wattage heater cables are parallel-resistance electric heaters that provide constant power output along the entire length of cable. **FEP** heater cable is constructed of 12 AWG bright copper buss wires which allow for long circuit lengths and Teflon® fluorocarbon resin providing maintenance temperatures up to 125°F and exposure temperatures up to 400°F de-energized. **PFA** constant wattage heater cable is insulated with modified fluoropolymer and provides maintenance temperatures up to 175°F with an exposure temperature up to 500°F de-energized. Both insulating materials provide high dielectric strength, moisture and chemical resistance along with protection from impact and abrasion. The cables can be cut to length in the field using standard electrical tools. The metallic braid provides grounding protection in hazardous areas. An optional fluoropolymer overjacket protects the metallic braid in corrosive environments while resisting organic and inorganic compounds.

Applications

FEP & **PFA** constant wattage heater cables are ideally suited for freeze protection, and low to mid temperature process maintenance applications where the flow of fluid is essential. In areas requiring electric tracing such as: pipelines carrying chemicals, lubricants and process or potable water-fire protection systems and de-icing of roofs and downspouts. **FEP** & **PFA** heater cables will provide the exact amount of protection necessary for your application requirements.

Note: For heater cable applications refer to National Electric Code Article 427 Fixed electric heating for pipelines and vessels.

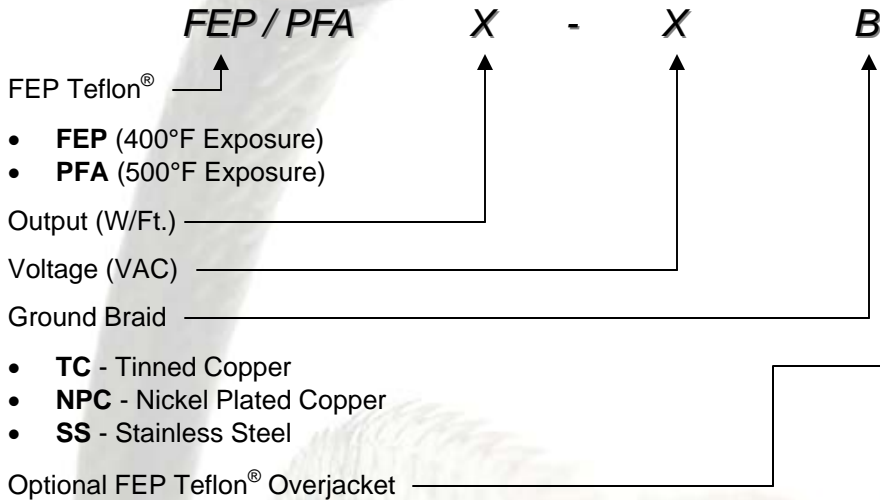
TAD & Associates, Inc.
P.O. Box 2170
Canyon Lake, Texas 78133

Phone: 830.964.4435
Fax: 830.964.4493
<http://www.tad-associates.com>



TAD & ASSOCIATES, INC.

Ordering Information



Watt Output at Alternate Voltages

Typical Heaters	110 VAC	120 VAC	208 VAC	240 VAC	277 VAC
FEP 4-1	3.3	4.0	12.0	16.0	—
FEP 6-1	5.0	6.0	18.0	—	—
FEP 9-1	7.5	9.0	—	—	—
PFA 10-2	2.1	2.5	7.5	10.0	13.3
PFA 15-2	3.1	3.8	11.3	15.0	20.0

Accessories

PL-1	Power Connection Kit
EC-1CW	End Termination Kit
ESK-12	Inline Splice Kit
TSK-12	Tee Splice Kit
AL-1	Aluminum Tape
FG-1	Fiberglass Tape
TAD-1	Snap Action Thermostat
TF115	Ambient Sensing Thermostat
TRF115	Line Sensing Thermostat

Maximum Circuit Length

Note: Not all accessories are listed. See catalog for additional listings.

Sample Heaters	0 Ft.	50 Ft.	100 Ft.	150 Ft.	200 Ft.	250 Ft.	300 Ft.	400 Ft.	500 Ft.
FEP 3-1	3.0	2.99	2.98	2.94	2.90	2.85	2.79	2.64	2.46
FEP 5-1	5.0	4.98	4.93	4.84	4.73	4.59	4.42	4.04	3.62
FEP 3-2	3.0	3.0	3.0	2.99	2.98	2.96	2.95	2.90	2.85
FEP 8-2	8.0	7.99	7.96	7.90	7.83	7.73	7.63	7.35	7.03
PFA 15-2	15.0	14.96	14.84	14.65	14.39	14.08	13.68	—	—
FEP 4-277	4.0	3.99	3.99	3.98	3.96	3.95	3.92	3.87	3.80
FEP 8-277	8.0	7.98	7.96	7.92	7.86	7.79	7.71	7.50	7.25

TAD & Associates, Inc. P.O. Box 2170 Canyon Lake, TX 78133 800-755-7602