

# XtremeFLEX® BIH and BWH Heavy Insulated Heating Tapes

## Product Highlights

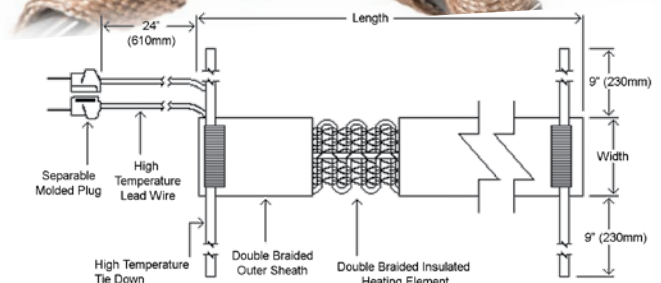
- ✓ Exceptional flexibility and durability
- ✓ Rapid thermal response
- ✓ Suitable for electrically conductive surfaces
- ✓ Choice of power leads on same end or opposite ends
- ✓ Includes high-temperature tie-downs for easy installation



## Specifications:

- Maximum exposure temperature:  
Removable & Reusable Use: Up to 572°F (300°C)  
Single Install Use: Up to 932°F (500°C)
- Construction:  
BIH series: fiberglass knitted and braided  
BWH series: Samox® knitted and braided
- Power density:  
BIH series: Standard: 8.6 W/in<sup>2</sup> (1.3 W/cm<sup>2</sup>)  
Wide†: 5.1 W/in<sup>2</sup> (0.8 W/cm<sup>2</sup>)  
BWH series: Standard: 13.1 W/in<sup>2</sup> (2.0 W/cm<sup>2</sup>)  
Wide†: 7.7 W/in<sup>2</sup> (1.2 W/cm<sup>2</sup>)
- Ingress Protection Rating: IP50

† 1.75" (44mm) wide tape or greater



## Ordering Information:

**BIH series: Heavy Insulated**  
Power Leads on Same End

Width in (mm)	Length ft (m)	Total Watts	Part No. 120VAC	Part No. 240VAC
0.50 (13)	2 (0.6)	105	BIH051020L	BIH052020L**
0.50 (13)	4 (1.2)	210	BIH051040L	BIH052040L**
0.50 (13)	6 (1.8)	310	BIH051060L	BIH052060L**
0.50 (13)	8 (2.4)	420	BIH051080L	BIH052080L**
0.50 (13)	10 (3.1)	520	BIH051100L	BIH052100L**
0.50 (13)	12 (3.7)	620	BIH051120L	BIH052120L**
1.00 (25)	1 (0.3)	105	BIH101010L	N/A
1.00 (25)	2 (0.6)	210	BIH101020L	BIH102020L**
1.00 (25)	4 (1.2)	420	BIH101040L	BIH102040L**
1.00 (25)	6 (1.8)	620	BIH101060L	BIH102060L**
1.00 (25)	8 (2.4)	830	BIH101080L	BIH102080L**
1.00 (25)	10 (3.1)	1045	BIH101100L	BIH102100L**
1.75 (44)	2 (0.6)	209	BIH171020L	BIH172020L*
1.75 (44)	4 (1.2)	418	BIH171040L	BIH172040L*
1.75 (44)	6 (1.8)	627	BIH171060L	BIH172060L*
1.75 (44)	8 (2.4)	836	BIH171080L	BIH172080L*
1.75 (44)	10 (3.1)	1045/1040	BIH171100L	BIH172100L*
2.50 (64)	2 (0.6)	313	BIH251020L	BIH252020L*
2.50 (64)	4 (1.2)	627	BIH251040L	BIH252040L*
2.50 (64)	6 (1.8)	940	BIH251060L	BIH252060L*
2.50 (64)	8 (2.4)	1254	BIH251080L	BIH252080L*
2.50 (64)	10 (3.1)	1567	BIH251100L	BIH252100L*
3.25 (83)	2 (0.6)	418	BIH321020L	BIH322020L*
3.25 (83)	4 (1.2)	836	BIH321040L	BIH322040L*
3.25 (83)	6 (1.8)	1254	BIH321060L	BIH322060L*
3.25 (83)	8 (2.4)	1672	BIH321080L*	BIH322080L*
3.25 (83)	10 (3.1)	2090	BIH321100L*	BIH322100L*

**BWH series: High Temperature Heavy Insulated**  
Power Leads on Same End

Width in (mm)	Length ft (m)	Total Watts	Part No. 120VAC	Part No. 240VAC
0.50 (13)	2 (0.6)	156	BWH051020L	BWH052020L**
0.50 (13)	4 (1.2)	313	BWH051040L	BWH052040L**
0.50 (13)	6 (1.8)	470	BWH051060L	BWH052060L**
0.50 (13)	8 (2.4)	627	BWH051080L	BWH052080L**
0.50 (13)	10 (3.1)	783	N/A	BWH052100L**
0.50 (13)	12 (3.7)	940	N/A	BWH052120L**
1.00 (25)	2 (0.6)	313	BWH101020L	BWH102020L**
1.00 (25)	4 (1.2)	627	BWH101040L	BWH102040L**
1.00 (25)	6 (1.8)	940	BWH101060L	BWH102060L**
1.00 (25)	8 (2.4)	1254/1245	BWH101080L	BWH102080L**
1.00 (25)	10 (3.1)	1570	N/A	BWH102100L**
1.75 (44)	2 (0.6)	313	BWH171020L	BWH172020L*
1.75 (44)	4 (1.2)	627	BWH171040L	BWH172040L*
1.75 (44)	6 (1.8)	940	BWH171060L	BWH172060L*
1.75 (44)	8 (2.4)	1254	BWH171080L	BWH172080L*
1.75 (44)	10 (3.1)	1570	BWH171100L	BWH172100L*
2.50 (64)	2 (0.6)	470	BWH251020L	BWH252020L*
2.50 (64)	4 (1.2)	940	BWH251040L	BWH252040L*
2.50 (64)	6 (1.8)	1411	BWH251060L	BWH252060L*
2.50 (64)	8 (2.4)	1881	BWH251080L*	BWH252080L*
2.50 (64)	10 (3.1)	2351	N/A	BWH252100L*
3.25 (83)	2 (0.6)	627	BWH321020L	BWH322020L*
3.25 (83)	4 (1.2)	1254	BWH321040L	BWH322040L*
3.25 (83)	6 (1.8)	1881	BWH321060L*	BWH322060L*
3.25 (83)	8 (2.4)	2508	BWH321080L*	BWH322080L*
3.25 (83)	10 (3.1)	3135	BWH321100L*	BWH322100L*

\* Bare wire power leads, plug not included      \*\* Ferrule crimp wire termination  
Ordering option: For a single power lead on opposite ends, remove "L" from end of part number

**IMPORTANT: Temperature controller is required for this product. See pages 86 through 104 for options.**