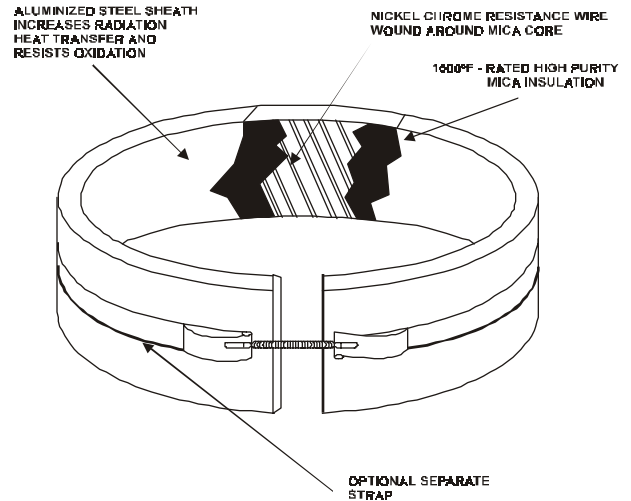


# MICA BAND HEATERS



## **FEATURES**

- EFFICIENT HEAT TRANSFER
- EXCELLENT PERFORMANCE
- QUICK TEMPERATURE RESPONSE
- DURABLE
- CUSTOM MANUFACTURED
- EASY TO CONFIGURE IN SPECIAL SHAPES AND SIZES
- METRIC SIZES AVAILABLE

## **SPECIFICATIONS**

WIDTH TOLERANCE	1/16"
WATTAGE TOLERANCE	5%
STANDARD GAP - 1pc	5/16"
STANDARD GAP - 2pc	3/16"
STANDARD TERMINAL HEIGHT	13/16"

## **CONSTRUCTION**

Mica insulation provides excellent dielectric strength while permitting rapid and efficient heat migration through the sheath of the heater and into the object requiring heat. The use of mica allows the mass of the heater to be kept to a minimum, thus reducing weight, accelerating heat transfer, and keeping costs to a minimum. MorHeat mica bands are encased in electrogalvanized steel with stainless steel sheaths offered as optional.

## **TERMINATIONS**

High quality resistor ribbon or wire is precisely wound over mica cores and terminated to either stainless steel terminal posts designed to allow slippage rather than be twisted off, or connected to nickel alloy lead wires.

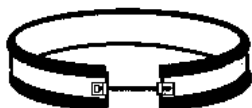
## **OPERATING TEMPERATURES**

Mica insulated heaters operate best and provide the longest life when the sheath temperatures are held below 800°F

# MICA BAND HEATERS

## CONSTRUCTION TYPES

1B - BUILT-IN CLAMP



2B - 2-PIECE BUILT-IN CLAMP



1E - EXPANDABLE



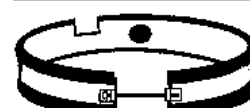
2S - 2-PIECE WITH STRAP



1S - SEPARATE STRAP



1X - NOTCHES & HOLES



1P - PARTIAL COVERAGE



1F - FLANGE CLAMP

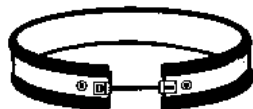


2F - 2-PIECE FLANGE CLAMP

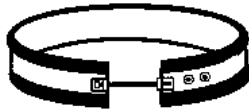


## ELECTRICAL TERMINATIONS

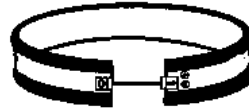
TO - STUDS-OPPOSITE SIDE



TS - STUDS-SAME SIDE



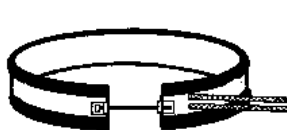
TI - STUDS-SAME SIDE



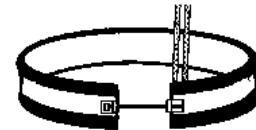
FO - FIBERGLASS-SAME SIDE



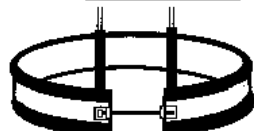
F1 - FIBERGLASS-SAME SIDE



F2 - FIBERGLASS-SAME SIDE



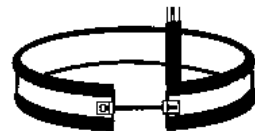
SO - STAINLESS BRAID  
OPPOSITE SIDE



S1 - STAINLESS BRAID  
SAME SIDE



S2 - STAINLESS BRAID  
SAME SIDE



BX - BX CABLE



TB - TERMINAL BOX



CT - CERAMIC TERMINAL COVERS



# EUROPEAN CONNECTORS



# MICA BAND HEATERS



**1 WK MFG  
SAME DAY RUSH!**

## **STANDARD FEATURES**

- SS EXTERIOR
- MIN HEAT LOSS
- ALUM STEEL INTERIOR
- MAX HEAT TRANSFER
- POST TERMINALS
- BUILT IN STRAP

## **OPTIONAL FEATURES**

- LEADS - METAL CONDUIT
- BUILT IN THERMOCOUPLE
- LEADS - SS OVERBRAID
- HOLES, CUTOUTS
- SEPARATE STRAP
- TERMINAL BOX
- EUROPEAN CONNECTOR
- BARREL NUT / SPRING LOADED
- PARTIAL COVERAGE

DIA(in)	WIDTH(in)	WATT	VOLT	CONST	TERM	PART#
3.5	1.5	400	240	1PC	TERM	BS1035152400S
3.5	2	600	240	1PC	TERM	BS1035202600S
3.5	3	900	240	1PC	TERM	BS1035302900S
3.75	1.5	525	240	1PC	12"LEADS	BS1037152525B
4	1.5	450	240	1PC	SCREW	BS1040152450S
4	1.5	450	120V/H	2PC	SCREW	BS2040151450S
4	1.5	550	240	1PC	TERM	BS1040152550B
4	2	700	120V/H	2PC	SCREW	BS2040201700S
4	3	1000	120V/H	2PC	SCREW	BS20403021000S
4.5	2	800	120V/H	2PC	SCREW	BS2045201800S
4.5	3	1150	120V/H	2PC	SCREW	BS204530211500S
5	2	900	120V/H	2PC	SCREW	BS2050201900S
5	3	1260	240	1PC	SCREW	BS20503021260S
5.5	1.5	700	120V/H	2PC	SCREW	BS2055151700S
5.5	2	950	120V/H	2PC	SCREW	BS2055201950S
5.5	3	1400	240	1PC	SCREW	BS20553021400S
6	1.5	500	240	1PC	SCREW	BS1060152500S
6	1.5	700	120V/H	2PC	SCREW	BS2060151700S
6	2	1200	240	1PC	SCREW	BS10602021200S
6	2	1200	120V/H	2PC	SCREW	BS20602011200S
6	3	1500	240	1PC	SCREW	BS10603021500S
6	3	1600	240	1PC	SCREW	BS20603021600S
6.5	1.5	760	240	1PC	SCREW	BS1065152760S
6.5	1.5	850	120V/H	2PC	SCREW	BS2065151850S
6.5	3	1600	240	1PC	SCREW	BS20653021600S
7	1.5	900	120V/H	2PC	SCREW	BS2070151900S
7	2	1200	120V/H	2PC	SCREW	BS20702011200S
7	3	1700	240	1PC	SCREW	BS20703021700S
7.5	2	1250	240	1PC	SCREW	BS10752021250S
8	1.5	1000	120V/H	2PC	SCREW	BS20801511000S
8	2	1600	120V/H	2PC	SCREW	BS20802011600S
8	3	1900	240	1PC	SCREW	BS20803021900S
8.5	2	1700	120V/H	2PC	SCREW	BS20852011700S
9	2	1500	120V/H	2PC	SCREW	BS20902011500S
10	1.5	1400	120V/H	2PC	SCREW	BS21001511400S
10	3	2300	240	1PC	SCREW	BS21003022300S
10.5	1.5	1450	120V/H	2PC	SCREW	BS21051511450S
11	1.5	1500	120V/H	2PC	SCREW	BS21101511500S
11.5	1.5	1550	120V/H	2PC	SCREW	BS21151511550S
12	1.5	1600	120V/H	2PC	SCREW	BS21201511600S
12.5	1.5	1650	120V/H	2PC	SCREW	BS21251511650S
13	1.5	1700	120V/H	2PC	SCREW	BS21301511700S
14	1.5	1800	120V/H	2PC	SCREW	BS21401511800S
15	1.5	1900	120V/H	2PC	SCREW	BS21501511900S

# MICA NOZZLE HEATERS



## **STANDARD FEATURES**

12"SS OVERBRAID

## **OPTIONAL FEATURES**

- DIFFERENT LEAD LENGTH
- BUILT IN THERMOCOUPLE

DIA(in)	WIDTH(in)	WATT	LEADS(in)	120V	240V
1	1	100	12	BN1010A100B12	BN1010B100B12
1	1	125	12	BN1010A125B12	BN1010B125B12
1	1.5	150	12	BN1015A150B12	BN1015B150B12
1	1.5	200	12	BN1015A200B12	BN1015B200B12
1	2	200	12	BN1020A200B12	BN1020B200B12
1	3	300	12	BN1030A300B12	BN1030B300B12
1.25	1	125	12	BN1210A125B12	BN1210B125B12
1.25	1.5	250	12	BN1215A250B12	BN1215B250B12
1.5	1	150	12	BN1510A150B12	BN1510B150B12
1.5	1	200	12	BN1510A200B12	BN1510B200B12
1.5	1.5	250	12	BN1515A250B12	BN1515B250B12
1.5	1.5	275	12	BN1515A275B12	BN1515B275B12
1.5	1.5	275	48	BN1515A275B48	BN1515B275B48
1.5	2	300	12	BN1520A300B12	BN1520B300B12
1.5	2.5	350	12	BN1525A350B12	BN1525B350B12
1.5	3	350	12	BN1530A350B12	BN1530B350B12
1.5	3	450	12	BN1530A450B12	BN1530B450B12
1.5	4	550	12	BN1540A550B12	BN1540B550B12
1.75	1.5	250	12	BN1715A250B12	BN1715B250B12
1.75	1.5	300	12	BN1715A300B12	BN1715B300B12
2	1	200	12	BN2010A200B12	BN2010B200B12
2.5	1	300	12	BN2510A300B12	BN2510B300B12
2.5	1.5	350	12	BN2515A350B12	BN2515B350B12
2.75	1.5	400	12	BN2715A400B12	BN2715B400B12
3	1	300	12	BN3010A300B12	BN3010B300B12
3	1.5	500	12	BN3015A500B12	BN3015B500B12
3	2	600	12	BN3020A600B12	BN3020B600B12
3	3	600	12	BN3030A600B12	BN3030B600B12
3	3	900	12	BN3030A900B12	BN3030B900B12