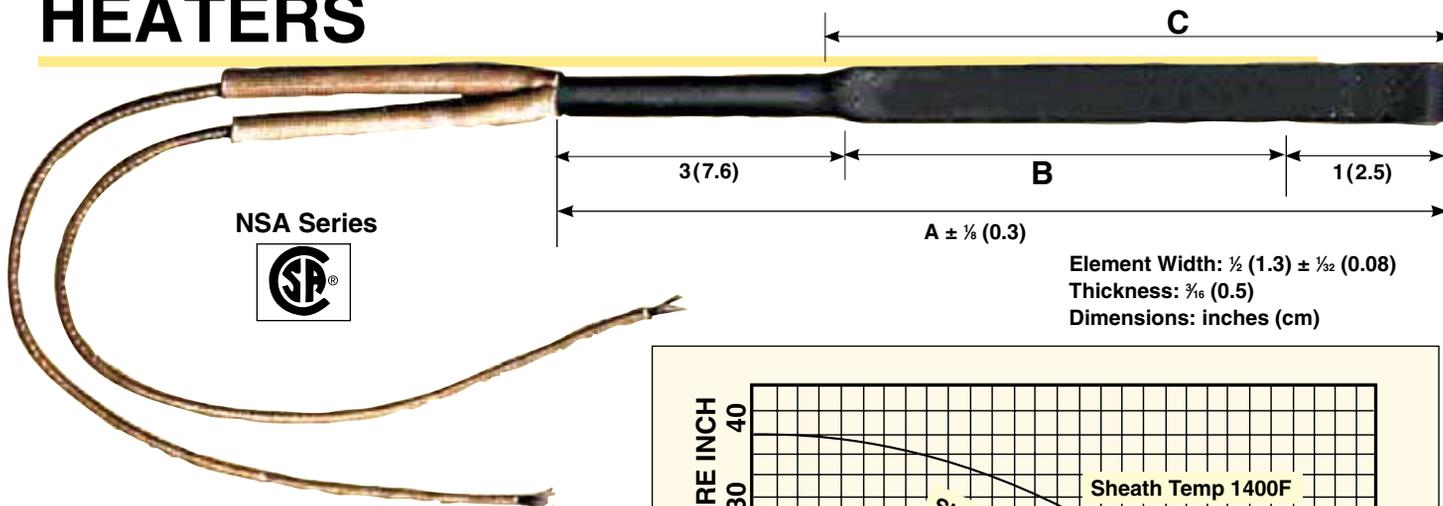


HIGH TEMPERATURE STRIP HEATERS



NSA Series



Element Width: $\frac{1}{2}$ (1.3) \pm $\frac{1}{32}$ (0.08)
 Thickness: $\frac{3}{16}$ (0.5)
 Dimensions: inches (cm)

- ✓ Rugged, Reliable, Premium Quality
- ✓ 125 to 400 Watts
- ✓ Seamless Construction
- ✓ $\frac{1}{2}$ " (1.27 cm) Slim Design for Space Restricted Applications

Dimension A = Total Length
 Dimension B = Heated Length
 Dimension C = Flattened Length

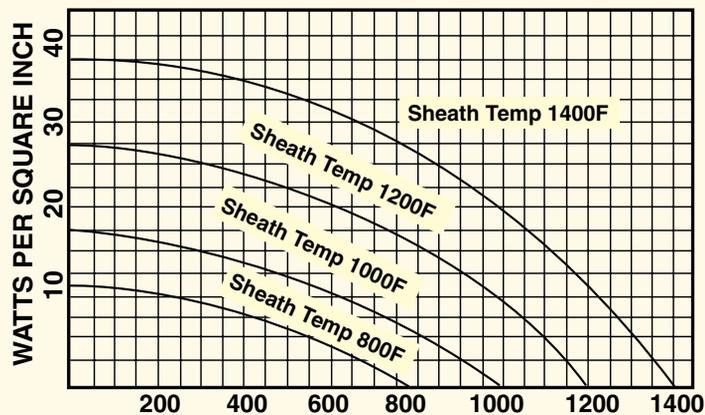


Figure C-11- allowable watt density of clamped-on Omegalux tubular units for various ambient temperatures and sheath temperatures.

The NSA series high temperature strip heater features a slim $\frac{1}{2}$ " (1.27 cm) wide mini-size construction similar to NS type. The heater design, materials and construction give long life for given power densities. The Incoloy sheath encloses nickel-chromium resistance wire embedded in a densely compacted refractory material selected for dielectric insulation value and good heat conduction to the sheath. The small cross-section is often an advantage where space is a factor.

FEATURES

$\frac{3}{16}$ " (0.5 cm) thick x $\frac{1}{2}$ " (1.27 cm) wide mini-size construction similar to NS type. The heater design, materials and construction give long life for given power densities. The Incoloy sheath encloses nickel-chromium resistance wire embedded in a densely compacted refractory material selected for dielectric insulation value and good heat conduction to the sheath. The small cross-section is often an advantage where space is a factor.

SPECIFICATIONS

Sheath Material: Incoloy
Max. Sheath Temp.: 815°C (1500°F)
Power: 120 or 240 Vac

CAUTION AND WARNING

Fire and electrical shock may result if products are used improperly or installed or used by non-qualified personnel. See inside back cover for additional warnings.

To Order

Dimension: inch (cm)								
Heated Length			Watts	W/In ²	Volts	Model No.	Wt. lb (kg)	
A	B	C						
7 $\frac{1}{8}$ (18)	3 $\frac{1}{8}$ (8)	5 $\frac{5}{8}$ (13)	125	32	120	NSA-711	0.20 (0.09)	
10 $\frac{1}{16}$ (27)	6 $\frac{1}{16}$ (17)	8 $\frac{5}{8}$ (21)	300	20	120	NSA-1013	0.28 (0.12)	
11 $\frac{1}{8}$ (28)	7 $\frac{1}{8}$ (18)	9 $\frac{3}{8}$ (24)	350	22	240	NSA-1123	0.38 (0.17)	
13 $\frac{3}{4}$ (35)	9 $\frac{3}{4}$ (24)	12 (30)	200	11	240	NSA-1422	0.47 (0.21)	
14 $\frac{3}{8}$ (36)	10 $\frac{3}{8}$ (26)	12 $\frac{3}{8}$ (32)	200	7	120	NSA-1412	0.49 (0.45)	
16 $\frac{1}{4}$ (41)	12 $\frac{1}{4}$ (31)	14 $\frac{1}{2}$ (37)	400	19	240	NSA-1624	0.56 (0.25)	

[†] To determine maximum allowable watt density, see Figures online.

Ordering Examples: NSA-711, high temperature strip heater, 120 Vac.
 NSA-1624, high temperature strip heater, 240V.