

Nichrome N80 Resistance Wire Packs

Argus Heating stock a large range of Nichrome N80 resistance wire conveniently pre-packed in bags of 5 m, 10 m, 20 m, and 30 m lengths.

Wire can be cut and re-reeled if you require longer lengths (over 30 m). Kanthal A1 and D are also available on request.

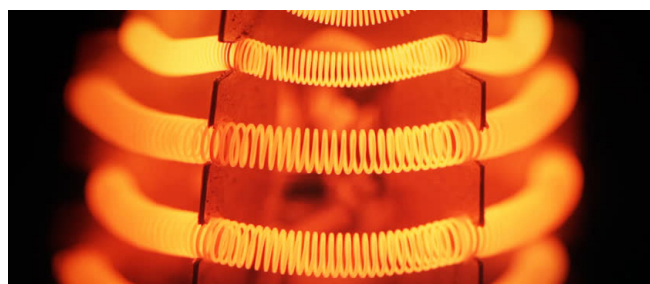
Applications

Typically used for:

- Cutting polystyrene, foam, Styrofoam, and plastic film in large quantities.
- Intermittent high temperature applications such as electric, night store, and cartridge heaters.
- Heating elements exposed to moisture such as freeze protection, wind turbines, and heated hoses.

Features and benefits

- N80 is mechanically stronger and has better corrosion resistance than Kanthal A1 or D.
- High emissivity allows for lower element temperature across the same surface load, compared to other resistance wires.



Argus Heating stock a large range of resistance wire, including Nichrome N80. The most common sizes of N80 are available in a range of conveniently pre-packed bags

Construction

- Alloy: 80% Nickel and 20% Chromium.

Specifications

- N80 can reach a 1200 °C maximum continuous operating temperature and 1400 °C melting point, making it durable and long lasting.

Wire size (B&S)	Diameter (mm)	Resistance (ohms/m)	Current @200 °C (amps)*	Stock codes for packs of N80 resistance wire cut to length			
				5 m	10 m	20 m	30 m
18	1.016	1.33	5.3	RWN80P18G5M	RWN80P18G10M	RWN80P18G20M	RWN80P18G30M
19	0.914	1.65	4.5	RWN80P19G5M	RWN80P19G10M	RWN80P19G20M	RWN80P19G30M
20	0.813	2.08	3.8	RWN80P20G5M	RWN80P20G10M	RWN80P20G20M	RWN80P20G30M
22	0.643	3.33	2.8	RWN80P22G5M	RWN80P22G10M	RWN80P22G20M	RWN80P22G30M
24	0.511	5.27	2.0	RWN80P24G5M	RWN80P24G10M	RWN80P24G20M	RWN80P24G30M

*Wire temperature in free air.

Contact Argus Heating for expert advice on the best heating solution for your application.