

Nichrome N80 Resistance Wire Packs

Argus Heating stock a large range of Nichrome N80 resistance wire conveniently pre-packed in bags of 20m 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.

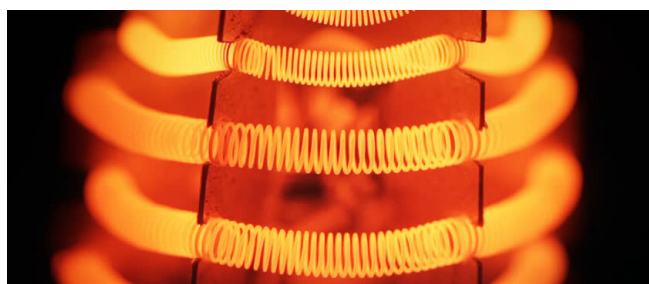
Applications

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,



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

Compared to other resistance wires.

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 Code
				20 m
18	1.016	1.33	5.3	RWN80P18G20M
19	0.914	1.65	4.5	RWN80P19G20M
20	0.813	2.08	3.8	RWN80P20G20M
22	0.643	3.33	2.8	RWN80P22G20M
24	0.511	5.27	2.0	RWN80P24G20M

*Wire temperature in free air.

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