

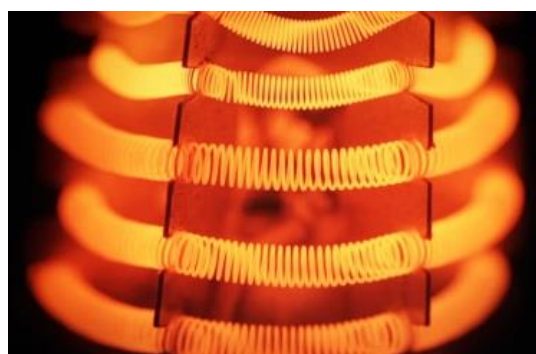


## Nichrome N80 Resistance Wire Packs

Nichrome Wire / N80 / Hot Wire / Polystyrene Cutting Wire / Styrofoam Cutting Wire / Foam Cutting wire

Argus Heating stock a large range of Resistance Wires, including Nichrome N80. The most common of the four sizes of N80 we sell, are available in a range of conveniently pre-packed bags in 5m, 10m, 20m & 30m lengths. We can cut and re-reel to your requirements if you require longer lengths (over 30m).

Kanthal A1 and D Resistance Wires are also available on request.



### Applications

Typically used in:

- Polystyrene cutting
- Styrofoam cutting
- Foam cutting
- Plastic Film cutting
- Electric Heaters
- Night Store Heaters
- Composite Curing
- Cartridge Heaters
- Electric Furnaces
- Wind Turbines
- Freeze Protection
- Heated Hoses

### Features

N80 mechanically stronger and better wet corrosion resistance than Kanthal A1 or D.

High emissivity - lower element temperature for same surface load.

Non-magnetic ideal for low temperature applications.

Ductile after continued use, approximately 30% elongation when hot.

1200°C maximum continuous operating temperature, 1400°C melting point.

### Construction

Alloy - 80 % Nickel and 20% Chromium.

Wire Size (B&S)	Diameter (mm)	Resistance (ohms/m)	Maximum Current @1110°C (amps)	Stock Codes for Packs of N80 Resistance Wire cut to length			
				5m	10m	20m	30m
18	1.016	1.33	22.4	RWN80P18G5M	RWN80P18G10M	RWN80P18G20M	RWN80P18G30M
20	0.813	2.08	16.1	RWN80P20G5M	RWN80P20G10M	RWN80P20G20M	RWN80P20G30M
22	0.643	3.32	11.5	RWN80P22G5M	RWN80P22G10M	RWN80P22G20M	RWN80P22G30M
24	0.511	5.26	8.2	RWN80P24G5M	RWN80P24G10M	RWN80P24G20M	RWN80P24G30M

**Please contact Argus Heating to discuss your application and heating needs**

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