

MI Series CuNi HDC/HDF Heating Cable



nVent RAYCHEM HDF/HDC mineral insulated (MI) series resistance trace heating cables provide freeze protection and process temperature maintenance, with continuous exposure temperatures to 400 °C and typical power outputs up to 70 W/m. The high nickel content provides high corrosion resistance, especially in seawater environments. Approved for use in hazardous areas. Available 'fast track' as configured heating units and in low resistances, for long pipeline heating.

KENMERKEN

Reduced total installed cost

Reduced power supply costs: lower start up currents compared with other technologies

Simple controls: current monitoring on series resistance provides instant visibility on critical circuits

Fast track/expedited service for configured heating units for eligible designs

Standard 400 °C continuous withstand temperature, with brazed weld technology

High corrosion resistance, especially in seawater environments

SPECIFICATIES

Min Cable Spacing:	25 mm
Max Power Output:	70 W/m
Max Continuous Exposure Temperature, Power Off:	400 °C
Minimale installatietemperatuur:	-60 °C
Supply Voltage:	0 – 500 V
Sheath Material:	Cupro-Nickel
Area Classification:	Non-Hazardous; Hazardous
Isolatiemateriaal:	Magnesium Oxide

Table 1/1

Catalogusnummer	Nominal Resistance @ 20°C	Buitenste diameter
HDC1M4	4 Ω/km	5.9 mm
HDC1M7	7 Ω/km	5.3 mm

Catalogusnummer	Nominal Resistance @ 20°C	Buitenste diameter
HDC1M11	11 Ω/km	4.9 mm
HDC1M17	17 Ω/km	4.6 mm
HDC1M25	25 Ω/km	3.7 mm
HDC1M40	40 Ω/km	3.4 mm
HDC1M63	63 Ω/km	3.2 mm
HDF1M1600	1600 Ω/km	3.2 mm
HDF1M1000	1000 Ω/km	3.4 mm
HDF1M630	630 Ω/km	3.7 mm
HDF1M160	160 Ω/km	4.9 mm
HDF1M250	250 Ω/km	4.4 mm
HDF1M400	400 Ω/km	4 mm

WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van www.nvent.com of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

Noord-Amerika

Tel +1.800.545.6258

Fax +1.800.527.5703

thermal.info@nvent.com

**Europe, Middle East,
Africa**

Tel +32.16.213.511

Fax +32.16.213.604

thermal.info@nvent.com

Asia Pacific

Tel +86.21.2412.1688

Fax +86.21.5426.3167

cn.thermal.info@nvent.com

Latijns-Amerika

Tel +1.713.868.4800

Fax +1.713.868.2333

thermal.info@nvent.com

Our powerful portfolio of brands:

RAYCHEM PYROTENAX TRACER NUHEAT