

优质镍铬发热丝0.45mm

产品名称	优质镍铬发热丝0.45mm
公司名称	盐城市宏兴源电热设备有限公司
价格	175.00/千克
规格参数	品牌:宏兴源 型号:Cr20ni80 规格:0.45mm
公司地址	江苏省盐城市区大庆路63号
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产品详情

Cr25ni20镍镉电热丝

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电热合金扁带工作原理是指电流在通过电热合金导体后，电流会产生一定的热量并被导体传递出来。电热合金本身就是金属导体，在通电后即会散发出热量、提供热能。我厂专业生产电热合金材料，主要有镍铬电热带及铁铬铝电热带两大系列，发热扁带可以根据客户的自行设计的产品图纸和技术要求或来样进行生产，薄片状电热带可塑性高且可蚀刻成型，其形状可以为有U型，波浪型，M型等异型。

一、电热合金扁带产品特点：1、规格：厚度0.05-5mm × 宽度0.5-200mm²、材质型号：镍铬合金：Cr20Ni80、Cr15Ni60、Cr20Ni35、Cr20Ni30、Cr25Ni20铁铬铝合金：0Cr25Al5、0Cr21Al6、0Cr21Al6Nb、0Cr23Al5、1Cr13Al4、1Cr21Al4、0Cr27Al7Mo23、发热扁带耐温可达1400，型号为铁铬铝合金0Cr27A17Mo2；4、包装：轴、扎（纸箱/木箱）。电热合金扁带的使用方式电热合金扁带在使用前进行预氧化处理，其方法是将安装完毕的电热合金元件，在干燥的空气中通电加热到低于合金允许使用温度100-2

00度，保温5-10小时，然后随炉缓慢冷却既可。电热合金扁带的用途该产品广泛应用于各种工业电炉及民用电加热设备如小型电炉、烘烤箱、马弗炉、采暖空调设备、封口机、真空包装机各类烘电热管及家用电器等。

镍铬合金扁带主要技术性能：牌号Cr20Ni80Cr30Ni70Cr15Ni60Cr20Ni35Cr20Ni30性能

主要化学成分%Ni余量余量55.0~61.034.0~37.030.0~34.0Cr20.0~23.028.0~31.015.0~18.0

18.0~21.018.0~21.0Fe 1.0 1.0 余量余量余量元件最高使用温度 1200125011501100

1100熔点 14001380139013901390密度g/cm³ 8.408.108.207.907.90电阻率μ·m, 20 1.

09±0.05 1.18±0.05 1.11±0.05 1.04±0.05 1.04±0.05延伸率% 20 20 20 20

20比热J/g. 0.440 0.461 0.494 0.500 0.500导热系数KJ/m.h 60.345.245.243.843.8

线胀系数a×10⁻⁶/ (20~1000) 18.017.017.019.019.0显微组织 奥氏体奥氏体奥氏体奥

氏体奥氏体磁性非磁性非磁性非磁性非磁性非磁性镍铬合金扁带设计参数:(厚×宽)(mm

) 截面积(mm²)0Cr25A150Cr21A14Cr20Ni80电阻率1.42±0.06 μ·m电阻率1.23±0.06 μ·

m电阻率1.091.14±0.05 μ·m20 每米电阻(/m)每千克长度(m/kg)每米重量(kg/m)20 每

米电阻(/m)每千克长度(m/kg)每米重量(kg/m)20 每米电阻(/m)每千克长度(m/kg)每米重

量(kg/m)0.5×10 4.900.290028.740.034790.251027.760.036020.22224.300.041160.8×10 7.840.1811

17.940.055660.156917.350.057620.13915.180.065861.0×10 9.800.144914.370.069580.125513.880.072

030.11512.150.082321.2×10 11.760.120711.980.083500.104611.570.086440.096110.120.098781.5×10

14.700.09669.580.104370.08379.260.108050.07698.100.12352.0×10 19.600.07247.190.139200.0628

6.940.144060.05776.080.16460.8×1511.760.120711.980.083500.104611.570.086440.092710.120.098781.

0×15 14.700.09669.580.104370.08379.260.108050.07698.100.12351.2×15 17.640.08057.980.125240

.06977.710.12970.06416.750.14821.5×15 22.050.06446.390.156560.05586.170.162070.05125.400.1852

2.0×15 29.400.04834.790.208740.04184.630.216090.03844.050.24702.5×15 36.750.03863.830.2609

30.03353.700.270110.03073.240.30870.8×20 15.680.09068.980.111330.07848.680.115250.06957.590.1

3171.0×20 19.600.07247.190.139160.06286.940.144060.05776.070.16461.2×20 23.520.06045.990.1

66990.05235.780.172870.04805.060.19761.5×20 29.400.04834.790.208740.04184.630.216090.03844.0

50.24702.0×20 39.200.03623.590.278320.03143.470.288120.02883.040.32932.5×20 49.000.02902.8

70.347900.02512.780.360150.02312.430.41163.0×25 58.800.02412.400.417480.02092.310.432180.019

22.020.49361.0×25 24.500.05805.750.173950.05025.550.180080.04614.860.20581.2×2529.400.04834.

790.208740.04184.630.216090.03844.050.24701.5×25 36.750.03863.830.260930.03353.700.270110.03

073.240.30872.0×25 49.000.02902.870.347900.02512.780.360150.02312.430.41162.5×25 61.250.02

322.300.434880.02012.220.450190.01841.940.51453.0×25 73.500.01931.920.521850.01671.850.54023

0.01541.620.61741.0×30 29.400.04834.790.208740.04184.630.216090.03844.050.24701.2×30 35.28

0.04023.990.250490.03493.680.259310.03203.370.29641.5 × 30 44.100.03223.190.313110.02793.090.32
4140.02562.700.37042.0 × 30 58.800.02412.400.417480.02092.310.432180.01922.020.49392.5 × 30 73
.500.01931.920.521850.01671.850.540230.01541.620.61743.0 × 30 88.200.01611.600.626220.1391.540.
648270.01281.350.74093.5 × 30 102.90.01381.370.730590.01201.320.756320.01111.160.86441.0 × 35
34.300.04144.110.243530.03593.970.252110.03293.470.28811.2 × 35 41.160.03453.420.292440.02993.3
10.302530.02752.890.34571.5 × 35 51.450.02762.740.365300.02392.640.378160.02202.310.43222.0 × 3
5 68.600.02072.050.487060.01791.980.504210.01651.740.57622.5 × 35 85.750.01661.640.608830.014
31.590.630260.01321.390.72033.0 × 35 102.90.01381.370.730590.01201.320.756320.01101.160.86443.5
× 35 120.10.01181.170.852710.01021.130.882740.00950.991.00881.0 × 40 39.200.03623.590.278320.
03143.470.288120.02883.040.32931.2 × 40 47.040.03022.990.333980.02612.890.345740.02402.530.395
11.5 × 40 58.800.02412.400.417480.02092.310.432180.01922.020.49392.0 × 40 78.400.01811.800.556
640.01571.740.576240.01441.520.65862.5 × 40 98.000.01451.440.695800.01261.390.720300.01151.210.
82323.0 × 40 117.60.01211.200.834960.01051.160.864360.00961.010.98783.5 × 40 137.20.01031.030.
974120.00900.991.008420.00830.871.15254.0 × 40 156.80.00910.8981.113280.00780.871.152480.00730.76
1.1371产品规格冷拉合金线材直径 1.0- 10.0mm热轧合金盘元直径 8.0- 12.0mm冷轧合金
带材厚度0.5-3.5mm冷轧合金带材宽度5.0-45.0mm热轧合金带材厚度3.0-6.0mm热轧合金带材宽
度12.0-45.0mm绕轴光亮细丝直径 0.1- 1.0mm绕轴光亮扁丝厚度0.08-1.50mm绕轴光亮扁丝
宽度0.5-5.0mm交货状态1、供货状态线材和盘元以白亮或者氧化色软态供应。带材除特殊要
求外，一般以退火后的氧化色供应。细丝和扁丝经保护气体退火后，以光亮软态供应。2、
产品包装线材和带材以打包布包扎，成卷供应。细丝和扁丝，绕轴塑封供应。3、出口产品
及用户有特殊要求者，协商解决。注意事项1、电炉丝在设计时应根据功率接线方法，合
理的表面负荷，正确选用丝径；2、电炉丝在安装前应对炉膛全面检查，清除铁素体，结碳
，与电炉上接触的隐患，避免短路，以防造成炉丝击穿；3、电炉丝在安装时应按设计的接
线方法正确连接；4、在使用电炉丝前应检查控温系统的灵敏度，以防温失灵，造成电炉丝
烧毁。

<http://www.hxyehe.com/ProductView.asp?ID=171>