



宁波天一化工有限公司

Ningbo TianYi Chemical Industrial(T.C.I) Co., Ltd

地址：浙江省宁波市会展路 181 号 Add: No.181,HuiZhan Road ,Ningbo city, China 315000

电话：(Tel)86-574-87990349, 传真 (Fax) :86-574-88193499 邮编 (P.C) :315000

http://www.rubbersealing.com E-mail: sales@rubbersealing.com , MSN: towerpacking@hotmail.com

Monel 400 demister



Monel 400 Demisters

can reduce the residence time required to separate a given liquid droplet size thereby reducing the volume and associated cost of separator equipment. Demisters are often used where vapour quality is important in regard to entrained liquids; particularly where separator equipment costs are high (e.g., high pressure systems) or where space or weight savings are advantageous.

Compared to steel, Monel is very difficult to machine as it work-hardens very quickly. It needs to be turned and worked at slow speeds and low feed rates. It is resistant to corrosion and acids, and some alloys can withstand a fire in pure oxygen. It is commonly used in applications with highly corrosive conditions. Small additions of **aluminium** and **titanium** form an alloy (K-500) with the same corrosion resistance but with much greater strength due to gamma prime formation on aging. Monel is typically much more expensive than **stainless steel**.

Monel alloy 400 has a specific gravity of 8.83, an electrical conductivity of approximately 3.4% **IACS**, and (in the annealed state) a hardness of 65 Rockwell B

We can also make other material demisters:

- SS 304 – SS 304L – SS 316 – SS 316L mist eliminator demister
- Monel 400 – Monel 600 – Monel 800 mist eliminator demister
- Teflon mist eliminator demister
- Hostaflon mist eliminator demister
- Poly-propylene mist eliminator demister
- Inconel 625 – Inconel 825 mist eliminator demister

| <u>Knit Type</u> | <u>Koch Divmet</u> | <u>York style</u> | <u>Bulk Density</u> <u>kg/m3</u> | <u>Surface Area</u> <u>m2/m3</u> | <u>Void-age</u> <u>%</u> |
|------------------|--------------------|-------------------|-------------------------------------|-------------------------------------|-----------------------------|
| - | - | - | 75 | 815 | 93.0 |
| 9048 | 9310 | 931 | 80 | 157 | 99.0 |
| 9048 | 3260 | 326 | 128 | 800 | 98.4 |
| 9030 | 4310 | 431 | 144 | 282 | 98.2 |
| - | 3710 | 371 | 160 | 535 | 94.0 |
| 9032 | 4210 | 421 | 173 | 360 | 97.7 |
| 9001 | 4120 | - | 192 | 377 | 97.6 |
| - | 5520 | - | 320 | 905 | 96.0 |
| - | 5540 | 333 | 432 | 2000 | 94.6 |