

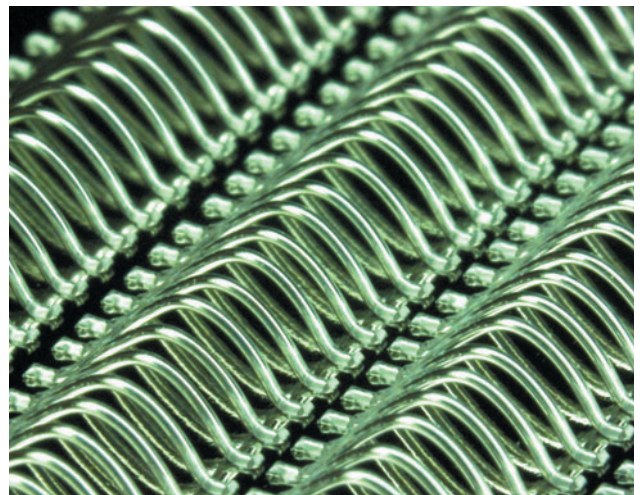
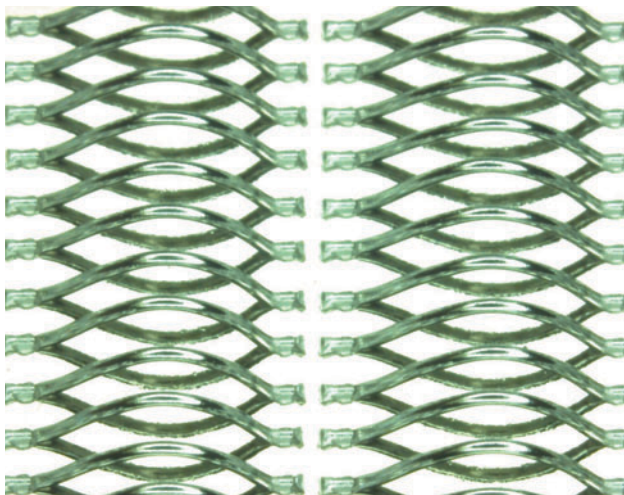
#### Characteristics

- Excellent corrosion resistance under PCT.
- Excellent bondability

#### 特 徴

- 優れた耐腐食性
- 良好なボンディング性

### Loop Shapes



TANW  $\phi 300\mu\text{m}$  Loop Length: 7.0mm

### Cross Section after PCT

Time (hrs)	20	100	1000
TANW			
Conventional			

Wire Dia.:  $300\mu\text{m}$

PCT: at  $121^\circ\text{C}$ , 100% RH, 2atm

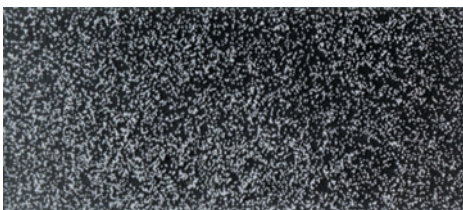
#### Characteristics

- Uniform distribution of Si
- Stable mechanical property.
- Good corrosion resistance under PCT.

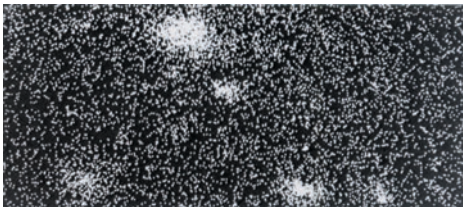
#### 特 徴

- Siの分布が均一
- 安定した機械的特性
- 良好な耐腐食性

#### Si Distribution in Wire



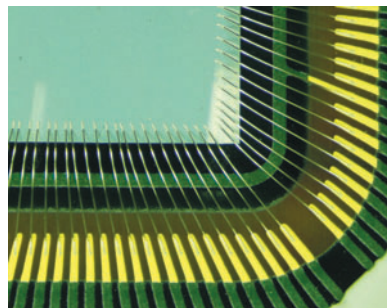
Homogeneous



Heterogeneous

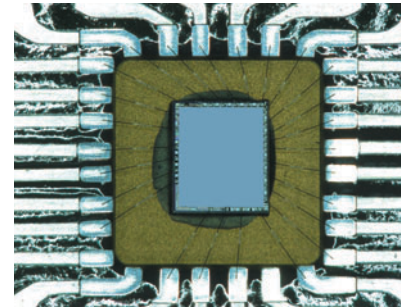
#### Loop Shape

##### COB



TABN  $\phi 30\mu\text{m}$  SR type

##### DIP (Ceramics)



TABW  $\phi 30\mu\text{m}$  SR type

#### Cross Section after PCT

Time (hrs)	5	10	20	50	200
TABN					
Conventional					

Wire Dia.:  $30\mu\text{m}$

PCT: at  $121^\circ\text{C}$ , 100% RH, 2atm