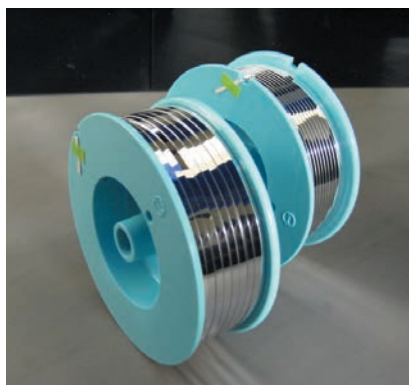


#### Characteristics

- Excellent corrosion resistance (Equal to TANW wire)
- Corresponds to a multi size.  
Width 0.5mm~2.0mm,  
Thickness 0.10mm~0.30mm
- Satisfactory surface smoothness



#### 特 徴

- 優れた耐湿性(TANWワイヤ同等)
- 多寸法に対応  
幅 0.5mm~2.0mm  
厚さ 0.10mm~0.30mm
- 良好な表面平滑度



#### Cross Section after PCT

	0hrs	500hrs	1000hrs
TABR w 2.0 × t 0.2mm			

PCT Condition : 121degC 100%RH 2atm

#### Standard Size of TABR

Type タイプ	Width	Thickness	Width	Thickness	Width	Thickness
	幅	厚		幅		厚
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
TABR	0.50±0.050	0.10±0.010	1.50±0.075	0.15±0.015	2.00±0.100	0.15±0.015
	0.75±0.050	0.10±0.010	1.50±0.075	0.20±0.020	2.00±0.100	0.20±0.020
	1.00±0.050	0.10±0.010	1.50±0.075	0.25±0.025	2.00±0.100	0.25±0.025
	1.00±0.050	0.20±0.020	1.50±0.075	0.30±0.030	2.00±0.100	0.30±0.030
	1.50±0.075	0.10±0.010	2.00±0.075	0.10±0.010		

## TABR Data Sheet

### General Properties

Width (mm)	0.50	0.75	1.00	1.00	1.50	1.50	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.00	2.00	
Tolerance (mm)	+/-0.050	+/-0.050	+/-0.050	+/-0.050	+/-0.075	+/-0.075	+/-0.075	+/-0.075	+/-0.075	+/-0.100	+/-0.100	+/-0.100	+/-0.100	+/-0.100	+/-0.100	
Thickness (mm)	0.10	0.10	0.10	0.20	0.10	0.15	0.20	0.25	0.30	0.10	0.15	0.20	0.25	0.30	0.40	
Tolerance (mm)	+/-0.010	+/-0.010	+/-0.010	+/-0.020	+/-0.010	+/-0.015	+/-0.020	+/-0.025	+/-0.030	+/-0.010	+/-0.015	+/-0.020	+/-0.025	+/-0.030	+/-0.040	
Breaking Load (gf)	275-425	413-638	550-850	900-1500	675-1,125	1,013-1,688	1,350-2,250	1,688-2,813	2,025-3,375	900-1,500	1,350-2,250	1,800-3,000	2,250-3,750	2,700-4,500	3,600-6,000	
Elongation (%)	Room Temp. 10.0 ≤															
maximum winding length (m)	No.88	200	300	200	100	100	100	100	100	50	100	100	100	50	50	50
	No.120	—	500	600	500	600	500	400	300	250	500	400	300	200	200	150

### Physical Property

Hardness (HV)	Ribbon	15 - 30														
Density (g/cm <sup>3</sup> )		2.7														
Resistivity (uΩ cm) @ 20°C		2.7														
Fusing Current (A, Length=10mm,10sec)		11	16	21	42	32	48	63	79	95	42	63	85	106	127	169
Electrical resistance (mΩ, Length 10mm, Room Temp.)		4.5 -6.7	3.1 -4.3	2.3 -3.2	1.2 -1.6	1.6 -2.1	1.0 -1.4	0.8 -1.1	0.6 -0.8	0.5 -0.7	1.2 -1.6	0.8 -1.1	0.6 -0.8	0.5 -0.6	0.4 -0.5	0.3 -0.4
Thermal Conductivity @ 20°C (W/m/K)		238														
Linear Expansion Coefficient (0-100°C) (ppm/K)		23.5														
Elastic Modulus (GPa)		20 - 50														
Melting Point (°C)		660														