

3 Specifications



3-2 2) Specifications for Formed Foil for Anode, Low Voltage

Table of Specifications (1)

Foil Part Number	Capacitance (μ F/cm ²)																	
	6.3		10		16		25		35		50		63		80		100	
WV	85	105	85	105	85	105	85	105	85	105	85	105	85	105	85	105	85	105
Temp.(°C)	85	105	85	105	85	105	85	105	85	105	85	105	85	105	85	105	85	105
Vfs	8	9	12.8	13.8	20.5	22.4	32.9	35.8	45.6	50.2	65.5	71.3	82.7	90.4	105	114	132	143
NEW D640	-	-	-	-	-	-	-	-	0.815	0.713	0.499	0.422	0.361	0.321	0.264	0.230	0.194	0.173
NEW D642	-	-	-	-	-	-	-	-	4.04	3.49	2.42	2.10	1.71	1.47	1.21	1.06	0.855	0.764
D670	27.1	24.6	18.1	17.0	12.3	11.3	7.70	7.04	5.39	4.81	3.49	3.14	2.58	2.27	1.86	1.64	1.34	1.17
D672	37.9	34.4	25.4	23.9	17.3	16.0	10.9	9.98	7.61	6.81	4.96	4.47	3.65	3.21	2.61	2.28	1.86	1.61
D674	47.5	43.1	31.8	29.9	21.4	19.8	13.4	12.2	9.24	8.20	5.82	5.19	4.20	3.68	2.98	2.58	2.04	1.74
D676	62.3	58.2	43.1	40.4	28.4	26.1	17.7	16.1	11.9	10.5	7.27	6.45	5.12	4.42	3.46	2.96	2.28	1.89
U615	72.4	66.3	50.0	46.9	33.3	30.5	20.1	18.3	13.7	12.1	8.60	7.64	6.11	5.34	4.16	3.55	2.60	2.15
U805	72.4	66.3	50.0	46.9	33.3	30.5	20.1	18.3	13.7	12.1	8.60	7.64	6.11	5.34	4.16	3.55	2.60	2.15
U715	81.6	74.6	55.5	52.1	37.2	34.0	22.7	20.6	15.5	13.7	9.70	8.61	6.91	6.02	4.71	4.02	2.96	2.48
U815	97.6	90.0	67.7	63.5	45.0	41.1	27.2	24.7	18.6	16.5	11.6	10.3	8.29	7.22	5.64	4.77	3.53	2.95
U850	115	104	76.7	72.1	51.4	47.4	31.6	28.7	21.2	18.6	12.7	11.1	8.72	7.47	-	-	-	-
U750	119	108	78.1	73.2	51.4	47.3	31.1	28.1	20.6	18.0	12.1	10.6	8.26	7.04	-	-	-	-
U752	129	118	88.4	83.1	57.8	52.7	34.3	30.9	22.6	19.8	13.4	11.7	9.04	7.57	-	-	-	-
U762	129	118	88.4	83.1	57.8	52.7	34.3	30.9	22.6	19.8	13.4	11.7	9.04	7.57	-	-	-	-
U862	129	118	88.4	83.1	57.8	52.7	34.3	30.9	22.6	19.8	13.4	11.7	9.04	7.57	-	-	-	-
U854	148	135	100	94.0	66.9	61.4	39.2	35.3	25.8	22.6	15.0	13.1	10.1	-	-	-	-	-
U953	169	154	114	107	76.0	69.7	44.3	39.8	29.0	25.4	16.9	14.7	11.1	-	-	-	-	-
U870	173	157	116	109	77.2	70.7	44.7	40.1	29.0	25.4	-	-	-	-	-	-	-	-
U873	190	171	125	118	83.3	76.4	48.3	43.2	30.9	26.4	-	-	-	-	-	-	-	-
NEW U974	185	168	124	117	83.4	76.2	49.7	44.8	32.6	28.5	19.0	-	-	-	-	-	-	-
U155	187	170	126	119	85.0	78.0	49.9	44.9	32.7	28.5	19.0	16.5	12.5	-	-	-	-	-
U975	198	180	132	124	88.2	80.5	52.3	47.1	34.1	29.7	19.7	17.3	13.5	-	-	-	-	-
U976	212	193	142	133	92.0	84.1	54.0	48.2	34.0	29.2	18.5	-	-	-	-	-	-	-
U157	208	190	142	134	95.0	87.2	55.0	49.4	35.9	31.3	20.7	17.9	13.4	-	-	-	-	-
U177	208	190	142	134	95.0	87.2	55.0	49.4	35.9	31.3	20.7	17.9	13.4	-	-	-	-	-
U178	233	213	159	151	107	97.9	63.5	56.6	40.3	35.1	23.4	-	-	-	-	-	-	-
U170	250	227	167	157	108	98.7	63.5	56.7	40.0	34.5	-	-	-	-	-	-	-	-
U179H	275	250	187	177	126	115	74.8	66.6	-	-	-	-	-	-	-	-	-	-
U846	-	-	-	-	-	-	-	-	-	-	11.3	10.1	8.25	7.22	5.81	5.01	3.94	3.34
U918	-	-	-	-	-	-	-	-	-	-	13.7	12.3	10.0	8.82	7.04	6.00	4.70	4.00
U919	-	-	-	-	-	-	-	-	-	-	15.2	13.5	10.9	9.58	7.63	6.55	5.10	4.40
U147	-	-	-	-	-	-	-	-	-	-	17.5	15.6	12.6	11.0	8.80	7.50	5.65	4.78
U140	-	-	-	-	-	-	-	-	-	-	19.1	17.0	13.8	11.9	9.45	8.08	6.10	5.15

The above specifications are subject to change without notice

3 Specifications



Foil Part Number	Tensile Strength (N/cm)	Bending Strength R=0.5mm (bends)	Capacitance Tolerance (%)	Gauge ±10% (μm)	Purity of Raw Aluminum Foil (%)	Nominal Length/ Carton (m)
NEW D640	≥ 23.5	≥ 50	+10, -10	60	≥ 99.98	450
NEW D642	≥ 23.5					
D670	≥ 22.5					
D672	≥ 21.6					
D674	≥ 20.6					
D676	≥ 21.6					
U615	≥ 18.6		+10,-5	65		430
U805	≥ 25.2			80		350
U715	≥ 18.6			70		400
U815	≥ 19.6			80		350
U850	≥ 23.5			70		400
U750	≥ 18.6			75		350
U752	≥ 18.6			80		300
U762	≥ 19.6			90		350
U862	≥ 21.6			80		300
U854	≥ 18.6			95		250
U953				80		300
U870				95		250
U873	90			250		
NEW U974	≥ 24.3			105		250
U155	≥ 18.6			100		230
U975	≥ 23.3			110		350
U976	≥ 18.6			80		300
U157				90		250
U177				100		250
U178	≥ 22.5			120		350
U170	≥ 21.6			80		300
U179H	≥ 22.7			90		300
U846	≥ 21.6			95		250
U918	≥ 17.6			100		250
U919		105		250		
U147		105		250		
U140		105		250		

※ Purity of Raw Aluminum Foil is in accordance with JIS-H-4170 and JIS-H4160.

The above specifications are subject to change without notice

3 Specifications



Specifications for Formed Foil for Anode, Ultra Low Voltage

■ Table of Specifications (2)

Foil Part Number	Capacitance (μ F/cm ²)									
	2.5		3.0		4.0					
Temp.(°C)	85	105	85	105	85	105	85	105	85	105
Vfs	3.0		3.4		4.0		4.9		5.9	
U157	334	315	291	258	229					
U177	334	315	291	258	229					
U976	374	351	323	278	240					
U178	382	361	333	295	263					
U170	447	421	386	334	288					
U179H	470	—	410	363	324					

Foil Part Number	Tensile Strength (N/cm)	Bending Strength R=0.5mm (bends)	Capacitance Tolerance (%)	Gauge \pm 10% (μ m)	Purity of Raw Aluminum Foil (%)	Nominal Length/ Carton (m)
U157	\geq 18.6	\geq 50	+15, - 10	105	\geq 99.98	250
U177	\geq 25.8			100		
U976	\geq 18.6			90		300
U178	\geq 22.5			110		250
U170	\geq 21.6					
U179H	\geq 22.7			120		230

※ Purity of Raw Aluminum Foil is in accordance with JIS-H-4170 and JIS-H4160.