

ORDER DESIGNATION

Codes for types, kinds and designs of foils when selecting a designation for an order

Aluminum foil							Basic parameters										Example of symbol		
Type			View				Specific capacitance, $\mu\text{F}/\text{dm}^2$					Leakage current		Annealing	Thickness, mm	Aluminum grade		Molded foil	
For the production of anode (anodic)	For the production of a cathode (cathode)	For producing output	For the production of anodes for low-voltage capacitors	For the production of anodes for high-voltage capacitors	For the production of the anode lead	For making the cathode lead	Low-voltage foil	High-voltage foil	Cathode foil	Nominal	Low	Nominal	Low					Designation molding solution	Forming voltage, V
A	–	–	H	–	–	–	1-11	–	–	–	–	–	–	0,060-0,120	–	–	–	AH10/0,105	
A	–	–	H	–	–	–	1-11	–	–	–	Y	–	–	0,060-0,120	–	–	–	AH8Y/0,085	
A	–	–	H	–	–	–	1-11	–	–	–	–	–	–	0,060-0,120	–	3, 6	2,5-199	AH10/0,105-6×90B	
A	–	–	H	–	–	–	1-11	–	–	–	Y	–	–	0,060-0,120	–	3, 6	2,5-199	AH8Y/0,085-6×22B	
A	–	–	–	B	–	–	–	1-10	–	–	–	–	–	0,080-0,125	–	–	–	AB6/0,080	
A	–	–	–	B	–	–	–	1-10	–	–	–	–	–	0,080-0,125	–	3, 4, 5	200-850	AB8/0,110-4×520B	
–	K	–	–	–	–	–	–	–	1-6	–	–	–	–	0,020-0,050	1, 2	–	–	K2/0,045-2	
–	K	–	–	–	–	–	–	–	–	–	–	–	O	0,014-0,020	1, 2	–	–	KO/0,016-2	
–	–	B	–	–	A	–	–	–	–	–	–	–	–	0,100-0,200	–	1	600-950	BA/0,150-1×600B	
–	–	B	–	–	–	K	–	–	–	–	–	–	–	0,045-0,200	–	–	–	BK/0,045	

1. Example of the conventional designation of molded high-voltage anode foil

High-voltage molded anode foil with a nominal specific capacitance value of 61.8 $\mu\text{F}/\text{dm}^2$, thickness 0.110 mm, molding electrolyte No. 4, molding voltage 520 V:

AB8/0,110-4×520B TY6365-001-07628635-2002

1 2 3 4 5 6 7

- 1 Foil type: "A" – anodic;
- 2 Foil type: "B" – high-voltage <200 V; "H" – low-voltage ≥ 200 V;
- 3 Specific capacitance level, $\pm 10\%$;
- 4 Foil thickness, mm;
- 5 Molding solution designation;
- 6 Molding voltage;
- 7 Designation of these specifications

2. Example of the symbol for etched cathode foil

Formed foil for anode output, 0.150 mm thick, forming electrolyte No. 1, forming voltage 600 V:

K2/0,045-2 TY6365-001-07628635-2002
1 2 3 4 5

1. Foil type: "B" – terminal;
2. Foil type:
"A" – anode;
"K" – cathode;
3. Foil thickness, mm;
4. Molding solution designation;
5. Molding voltage;
6. Designation of these specifications

3. An example of a symbol for foil molded for anode output

Formed foil for anode output, 0.150 mm thick, forming electrolyte No. 1, forming voltage 600 V:

BA/0,150-1×600B TY6365-001-07628635-2002
1 2 3 4 5 6

1. Foil type: "B" – terminal;
2. Foil type:
"A" – anode;
"K" – cathode;
3. Foil thickness, mm;
4. Molding solution designation;
5. Molding voltage;
6. Designation of these specifications