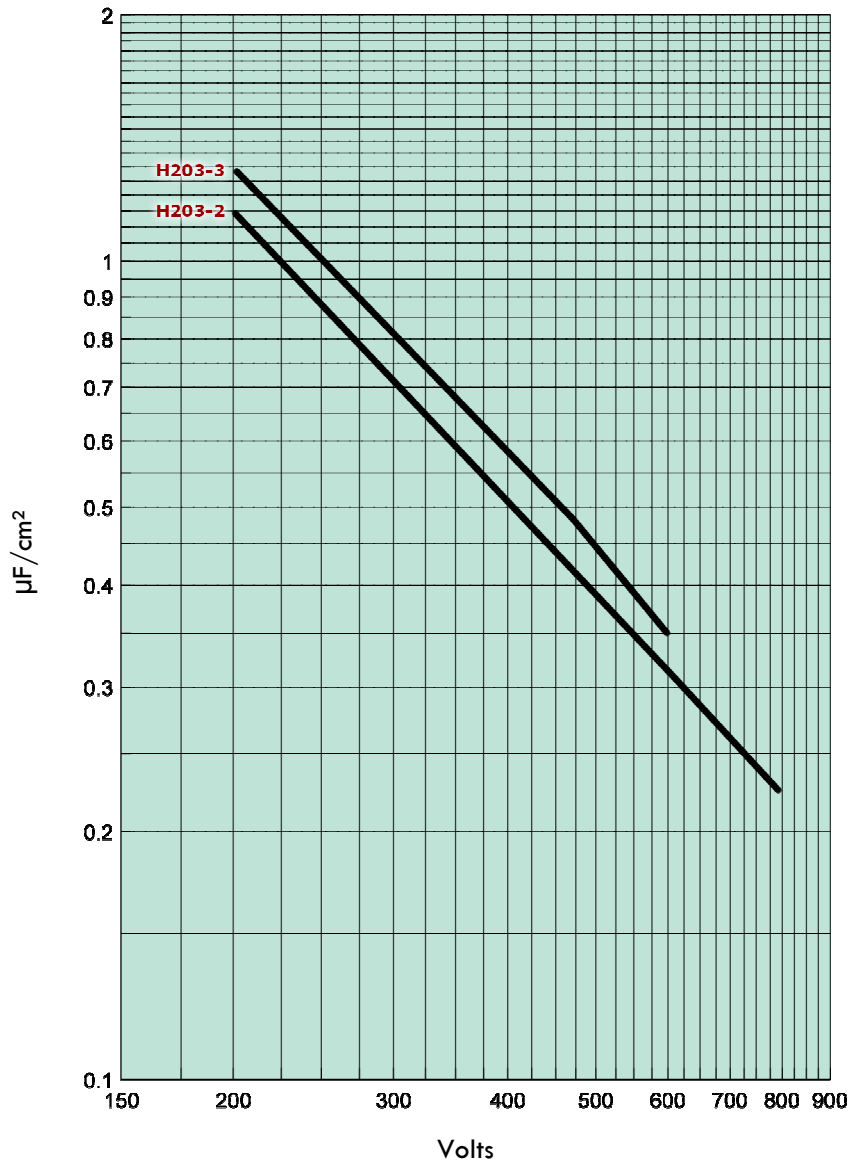


4. HIGH VOLTAGE FORMED FOILS TECHNICAL SPECIFICATIONS

4.1 - LOW GAIN

	Unit	Testing method	H203-2	H203-3
Al purity	%		99.99	99.99
Thickness	µm		80	80
Bending	number	PL3	≥40	≥40
Hydration resistance		ST3	yes	yes
Indicative area / weight ratio at 450V	m ² /kg		4,9	5,1
Capacitance tolerance	%		+10% -10%	+10% -10%



NOMINAL CAPACITANCE VERSUS FORMING VOLTAGE

($\mu\text{F}/\text{cm}^2$)

Vn	H203-2	H203-3
200	1.148	1.292
205	1.117	1.256
210	1.085	1.220
215	1.056	1.188
220	1.027	1.156
225	1.001	1.127
230	0.975	1.097
235	0.951	1.070
240	0.927	1.043
245	0.905	1.018
250	0.883	0.993
255	0.863	0.970
260	0.842	0.947
265	0.823	0.926
270	0.804	0.905
275	0.787	0.885
280	0.769	0.865
285	0.753	0.847
290	0.737	0.829
295	0.722	0.812
300	0.706	0.795
305	0.692	0.779
310	0.678	0.763
315	0.665	0.748
320	0.651	0.733
325	0.641	0.721
330	0.631	0.709
335	0.621	0.698
340	0.611	0.687
345	0.602	0.677
350	0.593	0.667
355	0.584	0.657
360	0.575	0.647
365	0.567	0.638
370	0.559	0.628
375	0.551	0.620
380	0.543	0.611
385	0.536	0.603
390	0.528	0.594
395	0.521	0.586
400	0.514	0.578
405	0.507	0.571
410	0.500	0.563
415	0.494	0.556
420	0.487	0.548
425	0.481	0.541
430	0.475	0.534
435	0.469	0.528
440	0.463	0.521
445	0.458	0.515

Vn	H203-2	H203-3
450	0.452	0.509
455	0.446	0.502
460	0.440	0.495
465	0.435	0.488
470	0.429	0.481
475	0.423	0.475
480	0.417	0.469
485	0.412	0.463
490	0.407	0.456
495	0.402	0.451
500	0.397	0.445
505	0.392	0.439
510	0.387	0.433
515	0.383	0.428
520	0.378	0.422
525	0.373	0.417
530	0.368	0.412
535	0.364	0.407
540	0.360	0.402
545	0.356	0.397
550	0.351	0.392
555	0.347	0.388
560	0.343	0.383
565	0.339	0.379
570	0.335	0.374
575	0.332	0.370
580	0.328	0.365
585	0.324	0.361
590	0.320	0.356
595	0.317	0.352
600	0.313	0.348
610	0.307	
620	0.302	
630	0.296	
640	0.291	
650	0.285	
660	0.280	
670	0.275	
690	0.265	
700	0.260	
710	0.256	
720	0.252	
730	0.248	
740	0.244	
750	0.240	
760	0.236	
770	0.232	
780	0.228	
790	0.224	
800	0.220	