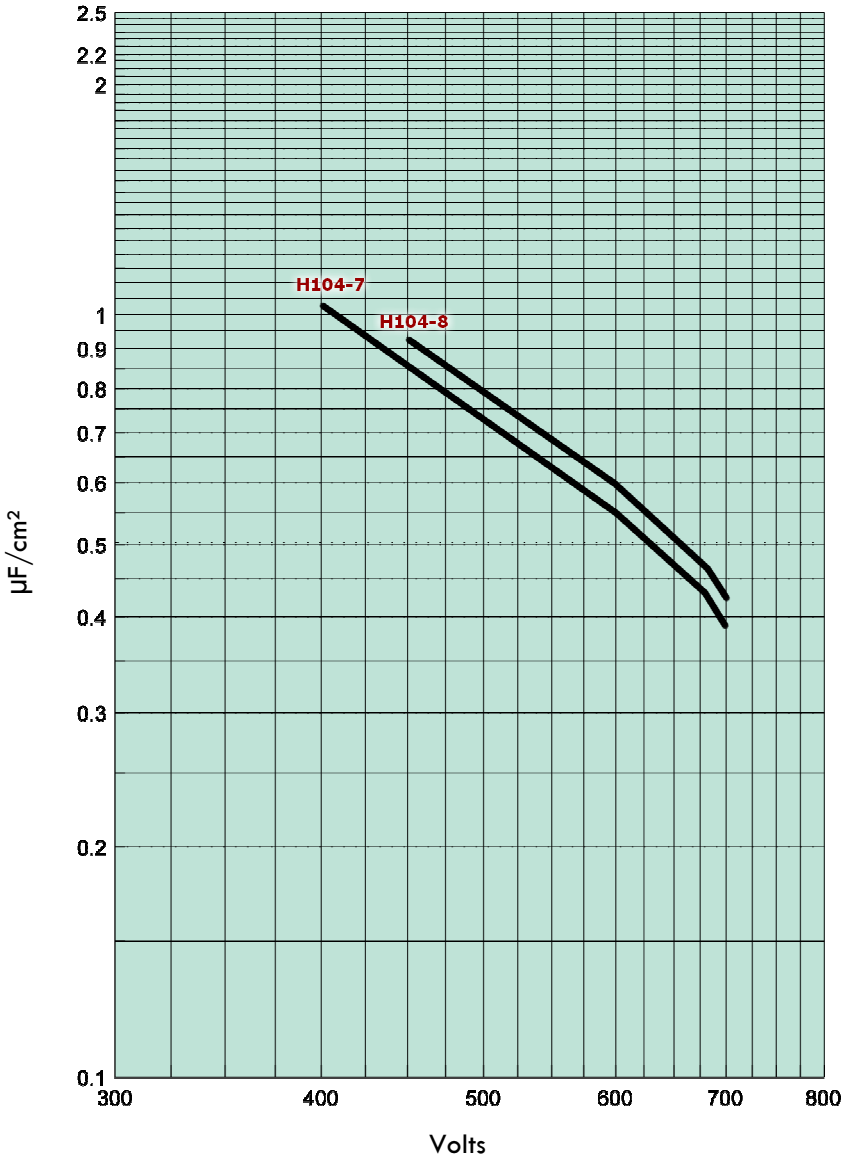
4. HIGH VOLTAGE FORMED FOILS TECHNICAL SPECIFICATIONS

4.3 - HIGH GAIN

	Unit	Testing method	H104-7	H104-8
Al purity	%		99.99	99.99
Thickness	µm		108	110
Bending	number	PL3	≥60	≥60
Hydration resistance		ST3	yes	yes
Indicative area / weight ratio at 450V	m^2/kg		4,0	3.8
Capacitance tolerance	%		+10% -7%	+10% -5%



NOMINAL CAPACITANCE VERSUS FORMING VOLTAGE

($\mu F/cm^2$)

Vn	H104-7	H104-8
400	1.031	
405	1.012	
410	0.993	
415	0.975	
420	0.957	
425	0.940	
430	0.924	
435	0.907	
440	0.890	
445	0.875	
450	0.859	0.928
455	0.846	0.914
460	0.833	0.900
465	0.821	0.887
470	0.809	0.873
475	0.796	0.860
480	0.784	0.847
485	0.773	0.835
490	0.762	0.823
495	0.750	0.811
500	0.739	0.799
505	0.729	0.787
510	0.718	0.776
515	0.708	0.764
520	0.697	0.753
525	0.687	0.742
530	0.678	0.732
535	0.668	0.722
540	0.659	0.712
545	0.650	0.702
550	0.640	0.692

Vn	H104-7	H104-8
550	0.640	0.692
555	0.632	0.682
560	0.623	0.673
565	0.614	0.664
570	0.606	0.654
575	0.598	0.646
580	0.590	0.637
585	0.582	0.628
590	0.574	0.620
595	0.566	0.612
600	0.559	0.604
605	0.550	0.594
610	0.540	0.584
615	0.532	0.574
620	0.522	0.563
625	0.514	0.555
630	0.507	0.547
635	0.499	0.539
640	0.492	0.531
645	0.485	0.523
650	0.477	0.515
655	0.470	0.508
660	0.464	0.501
665	0.456	0.493
670	0.449	0.485
675	0.442	0.477
680	0.435	0.470
685	0.428	0.462
690	0.420	0.454
695	0.405	0.437
700	0.389	0.421