

CARACTERISTICAS FISICAS DE CONDUCTORES AISLADOS EN PAPEL									Aislacion 1,5 mm espesor			Aislacion 2,0 mm espesor			Aislacion 3,0 mm espesor			Aislacion 4,0 mm espesor		
Seccion Nominal en mm ²	Ø Nominal en mm	Tolerancia en %	Formacion Alambre Ø 0,40 mm (cant. Hilos)	Seccion teorica	Formacion Alambre Ø 0,60 mm (cant. Hilos)	Seccion teorica	Formacion Alambre Ø 0,80 mm (cant. Hilos)	Seccion teorica	Kg x Mt.	Mts X Kg.	Ø Exterior	Kg x Mt.	Mts X Kg.	Ø Exterior	Kg x Mt.	Mts X Kg.	Ø Exterior	Kg x Mt.	Mts X Kg.	Ø Exterior
1,0	1,50	1	9	1,131	3	0,848	2	1,000	0,017	58,960	4,5	0,022	45,256	5,620	0,034	29,584	7,420	0,042	23,757	9,5
1,5	1,60	1	11	1,383	5	1,413	3	1,500	0,020	51,275	4,6	0,025	40,281	5,720	0,037	27,184	7,520	0,045	22,196	9,6
2,0	1,80	1	16	2,011	7	1,978	4	2,000	0,026	38,883	4,8	0,031	31,831	5,920	0,044	22,787	7,720	0,052	19,193	9,8
2,5	2,10	1	20	2,514	9	2,543	5	2,500	0,031	32,174	5,1	0,037	26,780	6,220	0,051	19,773	8,020	0,059	17,031	10,1
3,0	2,60	1	24	3,017	10	2,826	6	3,000	0,037	27,025	5,6	0,044	22,625	6,720	0,059	17,035	8,520	0,067	14,987	10,6
4,0	3,20	1	32	4,022	14	3,956	8	4,000	0,048	20,951	6,2	0,056	17,841	7,320	0,072	13,873	9,120	0,080	12,507	11,2
6,0	3,80	1	48	6,034	21	5,935	12	6,000	0,068	14,813	6,8	0,077	12,995	7,920	0,095	10,581	9,720	0,102	9,781	11,8
10,0	4,50	1	80	10,056	35	9,891	20	10,000	0,106	9,464	7,5	0,116	8,590	8,620	0,136	7,366	10,420	0,143	6,978	12,5
16,0	5,50	1	128	16,090	56	15,826	32	16,000	0,163	6,144	8,5	0,175	5,702	9,620	0,197	5,069	11,420	0,205	4,888	13,5
25,0	6,90	1	200	25,140	88	24,869	50	25,000	0,248	4,030	9,9	0,263	3,797	11,020	0,289	3,462	12,820	0,296	3,381	14,9
33,0	7,90	1	265	33,311	116	32,782	66	33,000	0,324	3,082	10,9	0,342	2,928	12,020	0,370	2,706	13,820	0,376	2,657	15,9
35,0	8,20	1	280	35,196	123	34,760	70	35,000	0,342	2,922	11,2	0,360	2,778	12,320	0,389	2,573	14,120	0,395	2,529	16,2
50,0	9,80	1	400	50,280	177	50,020	100	50,000	0,482	2,073	12,8	0,503	1,987	13,920	0,536	1,866	15,720	0,542	1,844	17,8
60,0	10,00	1	477	59,959	212	59,911	120	60,000	0,570	1,754	13,0	0,591	1,691	14,120	0,625	1,601	15,920	0,631	1,585	18
63,0	10,20	1	500	62,850	223	63,020	126	63,000	0,597	1,676	13,2	0,618	1,618	14,320	0,652	1,534	16,120	0,658	1,519	18,2
70,0	11,50	1	563	70,769	247	69,802	140	70,000	0,672	1,489	14,5	0,696	1,438	15,620	0,733	1,365	17,420	0,739	1,354	19,5
90,0	12,90	1	716	90,001	318	89,867	180	90,000	0,849	1,178	15,9	0,875	1,143	17,020	0,916	1,092	18,820	0,921	1,085	20,9
95,0	13,00	1	760	95,532	336	94,954	190	95,000	0,899	1,113	16,0	0,925	1,081	17,120	0,966	1,035	18,920	0,972	1,029	21
100,0	13,50	1	796	100,057	353	99,758	200	100,000	0,941	1,063	16,5	0,968	1,033	17,620	1,011	0,989	19,420	1,016	0,984	21,5
120,0	17,00	1	960	120,672	424	119,822	240	120,000	1,136	0,880	20,0	1,170	0,854	21,120	1,221	0,819	22,920	1,226	0,816	25
135,0	18,00	1	1.075	135,128	477	134,800	270	135,000	1,269	0,788	21,0	1,305	0,766	22,120	1,359	0,736	23,920	1,363	0,734	26
140,0	18,50	1	1.113	139,904	495	139,887	280	140,000	1,313	0,761	21,5	1,350	0,741	22,620	1,405	0,712	24,420	1,409	0,709	26,5
150,0	19,00	1	1.200	150,840	530	149,778	300	150,000	1,413	0,708	22,0	1,451	0,689	23,120	1,507	0,663	24,920	1,511	0,662	27
175,0	20,00	1	1.355	170,324	619	174,929	350	175,000	1,591	0,628	23,0	1,631	0,613	24,120	1,690	0,592	25,920	1,694	0,590	28
185,0	21,00	1	1.480	186,036	654	184,820	370	185,000	1,736	0,576	24,0	1,777	0,563	25,120	1,839	0,544	26,920	1,842	0,543	29
200,0	22,50	1	1.591	199,989	707	199,798	400	200,000	1,865	0,536	25,5	1,910	0,524	26,620	1,975	0,506	28,420	1,978	0,506	30,5
250,0	24,000	1	1.989	250,017	884	249,818	500	250,000	2,320	0,431	27,0	2,367	0,422	28,120	2,436	0,411	29,920	2,439	0,410	32