

Table 28 Chemical Compositions of Cable Sheathing Alloys Referred to in Table 27 [176]. (Courtesy of Lead Development Association, London.)

Alloy No.	Alloy type	Sn	Te	Sb	Cd	As	Cu	Bi	Ag	Remarks ^a
1	Pb	—	—	—	—	—	—	Traces	—	Purity 99.99%
2	Pb-Cu	—	—	—	—	—	0.05	<0.01	<0.001	Kb-Pb DIN 17640 (1959)
3	Pb-Sn-Cu	2.5	—	—	—	—	0.034	<0.01	<0.001	Kb-PbSn 2.5 DIN 17640 (1959)
4	Pb-Te	—	0.057	—	—	—	<0.01	<0.01	<0.001	Kb-PbTe 0.04 DIN 17640 (1959)
5	Pb-Te-Bi	—	0.06	—	—	—	<0.01	0.032	<0.001	Kb-PbTe 0.04 DIN 17640 (1959)
6	Pb-Te-Cu	—	0.07	—	—	—	0.05	<0.01	<0.001	Kb-PbTe 0.04 DIN 17640 (1959)
7	Pb-Sb	<0.01	—	0.5	—	—	<0.01	<0.01	<0.001	Kb-PbSb 0.5 DIN 17640 (1959)
8	Pb-Sb-Cu	—	—	0.5	—	—	0.05	<0.01	<0.001	Kb-PbSb 0.5 DIN 17640 (1959)
9	Pb-Sn-Sb	0.45	—	0.2	—	—	<0.01	<0.01	<0.001	Alloy E B.S.S.801 (1959)
10	Pb-Sb-Cd-Cu	—	—	0.48	0.25	—	0.04	<0.01	<0.001	Alloy D B.S. 801 (1959)
11	Pb-Sn-Cd	0.19	—	—	0.075	—	—	<0.01	<0.001	Alloy C B.S. 801 (1959)
12	Pb-Sn-As-Cu	0.1	—	—	—	0.12	0.04	—	<0.001	Gencalloy A (General Cable Corp.)
13	Pb-Sn-Te-As	0.14	0.1	—	—	0.15	<0.01	<0.01	<0.001	Tellurium Alloy ^b (General Electric Comp.)