

Material/ DODUCO-Designation	Silver Content	Additives	Density	Electrical Resistanty (20C)	Electrical Conductivity		Vickers Hardness Hv1	Tensile Strength	Elongation (soft annealed) A [%]min.	Manufacturing Process	Form of Supply
	[wt%]		[g/cm³]	[μΩ·cm]	[% IACS]	[MS/m]	[MPa]				
Ag/SnO₂ 92/8PW4 SISTADOX 8PW4	91 - 93	WO₃	9.9	2.0	86	50	50-95	200 - 320	35	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 90/10PW4 SISTADOX 10PW4	89 - 91	WO₃	9.8	2.089	83	48	55-100	220 - 330	30	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 88/12PW4 SISTADOX 12PW4	87 - 89		9.7	2.17	79	46	60-105	230 - 330	25	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 92/8PW10 SISTADOX 8PW10	91 - 93	WO₃*)	9.9	2.0	86	50	50-95	200-320	30	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 90/10PW10 SISTADOX 10PW10	89 - 91	WO₃*)	9.8	2.08	83	48	55-100	220-330	28	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 88/12PW10 SISTADOX 12PW10	87 - 89	WO₃*)	9.7	2.17	79	46	60-105	230-330	25	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 92/8PE SISTADOX 8PE	91 - 93	Bi₂O₃ and CuO	9.9	1.92	90	52	50-90	220-330	30	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 90/10PE SISTADOX 10PE	89 - 91	Bi₂O₃ and CuO	9.8	2.04	84	49	55-100	230-330	28	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 88/12PE SISTADOX 12PE	87 - 89	Bi₂O₃ and CuO	9.7	2.17	79	46	60-105	235-330	25	Powder Metallurgy a) indiv. powders	1
Ag/SnO₂ 98/2PX SISTADOX 2PX	97.5 - 98.5	Bi₂O₃ and CuO	10.1	1.69	101	59	50-90	190-330	35	Powder Metallurgy b) doped	1
Ag/SnO₂ 94/6PX SISTADOX 6PX	93.5 - 94.5	Bi₂O₃ and CuO	10.0	1.82	95	55	50-90	190-330	30	Powder Metallurgy b) doped	1
Ag/SnO₂ 92/8PX SISTADOX 8PX	91 - 93	Bi₂O₃ and CuO	9.9	1.96	88	51	55-95	190-350	20	Powder Metallurgy b) doped	1
Ag/SnO₂ 98/2PC SISTADOX 2PC	97.5 - 98.5	Bi₂O₃ and CuO*)	10.0	1.69	101	59	50-90	200-350	35	Powder Metallurgy b) doped	1
Ag/SnO₂ 94/6PC SISTADOX 6PC	93.5 - 94.5	Bi₂O₃ and CuO*)	10.0	1.82	95	55	50-90	190-330	30	Powder Metallurgy b) doped	1
Ag/SnO₂ 92/8PC SISTADOX 8PC	91 - 93	Bi₂O₃ and CuO*)	9.9	1.96	88	51	55-95	190-350	25	Powder Metallurgy b) doped	1
Ag/SnO₂ 92/8TOS F SISTADOX 8TOS F	87 - 89	In₂O₃	10.0	2.04	84	49	85-110	280-380	25	Internal Oxidation with Ag backing	1
Ag/SnO₂ 90/10TOS F SISTADOX 10TOS F	89 - 91	In₂O₃	9.9	2.13	81	47	100-115	300-400	25	Internal Oxidation with Ag backing	1
Ag/SnO₂ 88/12TOS F SISTADOX 12TOS F	87 - 89	In₂O₃	9.8	2.22	78	45	100-120	330-430	25	Internal Oxidation with Ag backing	1
Ag/SnO₂ 94/6WPC SISTADOX 6WPC	93.5 - 94.5	Bi₂O₃ and CuO*)	10.0	1.82	95	55	50-95			Powder Metallurgy b) doped	2
Ag/SnO₂ 92/8WPC SISTADOX 8WPC	91 - 93	Bi₂O₃ and CuO*)	9.9	1.96	88	51	55-100			Powder Metallurgy b) doped	2
Ag/SnO₂ 90/10WPC SISTADOX 10WPC	89 - 91	Bi₂O₃ and CuO*)	9.8	2.08	83	48	60-105			Powder Metallurgy b) doped	2
Ag/SnO₂ 88/12WPC SISTADOX 12WPC	87 - 89	Bi₂O₃ and CuO*)	9.8	2.22	78	45	65-110			Powder Metallurgy b) doped	2
Ag/SnO₂ 86/14WPC SISTADOX 14WPC	85 - 87	Bi₂O₃ and CuO*)	9.7	2.44	71	41	70-110			Powder Metallurgy b) doped	2
Ag/SnO₂ 94/6WPD SISTADOX 6WPD	93.5 - 94.5	Ag₂MoO₃	10.0	1.89	91	53	55-105			Powder metallurgy with Ag backing c) coated	2
Ag/SnO₂ 92/8WPD SISTADOX 8WPD	91 - 93	Ag₂MoO₃	10.0	2.0	86	50	60-110			Powder metallurgy with Ag backing c) coated	2
Ag/SnO₂ 90/10WPD SISTADOX 10WPD	89 - 91	Ag₂MoO₃	9.9	2.13	81	47	70-120			Powder metallurgy with Ag backing c) coated	2
Ag/SnO₂ 88/12WPD SISTADOX 12 WPD	87 - 89	Ag₂MoO₄	9.8	2.27	76	44	75-120			Powder metallurgy with Ag backing c) coated	2
Ag/SnO₂ 86/14WPD SISTADOX 14WPD	85 - 87	Ag₂MoO₄	9.7	2.44	71	41	80-125			Powder metallurgy with Ag backing c) coated	2
Ag/SnO₂ 94/6WPX SISTADOX 6WPX	93,5 - 94,5	Bi₂O₃ and CuO*)	10.0	1.82	95	55	55-90			Powder Metallurgy b) doped	2
Ag/SnO₂ 92/8WPX SISTADOX 8WPX	91 - 93	Bi₂O₃ and CuO*)	9.9	1.96	88	51	60-95			Powder Metallurgy b) doped	2
Ag/SnO₂ 90/10WPX SISTADOX 10WPX	89 - 91	Bi₂O₃ and CuO*)	9.8	2.08	83	48	60-100			Powder Metallurgy b) doped	2
Ag/SnO₂ 88/12WPX SISTADOX 12WPX	87 - 89	Bi₂O₃ and CuO*)	9.8	2.22	78	45	65-110			Powder Metallurgy b) doped	2
Ag/SnO₂ 86/14WPX SISTADOX 14WPX	85 - 87	Bi₂O₃ and CuO*)	9.8	2.44	71	41	70-115			Powder Metallurgy b) doped	2
Ag/SnO₂ 92/8WTOS F SISTADOX 8WTOS F	91 - 93	In₂O₃	10.0	2.04	84	49	85-110			Internal Oxidation with Ag backing	2
Ag/SnO₂ 90/10WTOS F SISTADOX 10WTOS F	89 - 91	In₂O₃	9.8	2.13	81	47	95-115			Internal Oxidation with Ag backing	2
Ag/SnO₂ 88/12WTOS F SISTADOX 12WTOS F	87 - 89	In₂O₃	9.8	2.22	78	45	105-115			Internal Oxidation with Ag backing	2

1 = Wires, Rods, Contact rivets, 2 = Strips, Profiles, Contact tips