	SILVER.TIN.OXIDE.		SILVER.NICKEL		SILVER.CADMIUM.OXIDE.		
COMPOSITION/CHARACTERISTICS	**STO-8B**	**STO-12B**	**SNI-10B**	**SNI-15B**	**SKO-10B**	**SKO-15B**	**SKO-20B**
CHEMICAL COMPOSITION Silver % Tin Oxide, Nickel, Cd Oxide %	91.0 - 93.0 7.0- 9.0	87.0 - 89.0 11.0 - 13.0	89.0 - 91.0 9.0 - 11.0	83.5 - 86.5 13.5 - 16.5	89.0 - 91.0 9.0 - 11.0	83.5 - 86.5 13.5 - 16.5	78-5 - 81.5 18.5 - 21.5
SILVER BACKING LAYER % (±1.5%)	15	15	15	15	10, 15, 20	10, 15, 20	10, 15, 20
NON-OXIDIZED LAYER %	-	-	100	100	-	-	-
THICKNESS RANGE (inches)	.010" - .225"	.010" - .225"	.010" - .225"	.010" - .225"	.010" - .225"	.010"- .225"	.010"- .225"
WIDTH (inches)	Up to 4"	Up to 4"	Up to 4"	Up to 4"	Up to 4"	Up to 4"	Up to 4"
DENSITY (g/cm^3)	9.8 - 10.1	9.7 - 10.0	10.1 - 10.4	10.0 - 10.3	9.8 - 10.3	9.7 - 10.2	
HARDNESS (Vickers) HV 10 Annealed Cold Worked	85 120	95 130	50 80	55 85	60 95	75 115	
TENSILE STRENGTH (Kpsi) Annealed Cold Worked	44 52	50 58	32 41	36 46	28 38	30 38	38
ELONGATION % Annealed Cold Worked	15 1	15 1	20 1	20 1	20 1	20 1	20 1
ELECTRICAL RESISTIVITY (Ohm-cm10^6)	2.1	2.4	2.0	2.3	2.0	2.4	
ELECTRICAL CONDUCTIVITY (%IACS)	80	70	85	73	84	70	
CERTIFICATE OF COMPLIANCE	The vendor shall furnish a certificate of compliance with each shipment.						
SURFACE CONTAMINATION	All material surfaces must be free of contamination from cleaning methods to the extent that contact resistance, weld ability, or brazing is not affected adversely.						

VOIDS	No voids permitted.

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