



PRODUCTS

WesShield™ Data	TEST	UNIT	RC350-2000	RC350-2010	RC350-2020	RC350-2030	RC350-2040	RC350-2050	RC350-2051	RC350-2052	RC350-2053	RC350-2054	RC350-2070	RC350-2080	RC350-2090	RC350-2100
COLOR	—	—	Tan or Gray	Tan or Gray	Beige	Black	Tan	—	—	—	—	—	Black	Dark Gray	Tan	Tan
CONDUCTIVE FILLER	—	—	Ag/glass	Ag/Cu	Ag	—	Ag/Al	Ni/g	Ni/g	Nig	Ni/g	Ni/g	Ni/g	Ni/g	Ag/Al	Ag/Al
ELASTOMER BINDER	—	—	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Silicone	Fluoro-silicone	Fluoro-silicone	Fluoro-silicone
DUROMETER	ASTM-D2240	Shore A	65	65	65	65	65	33	45	55	65	75	60	60	45	70
		Range	58-72	58-72	58-72	60-70	58-72	—	—	—	—	—	55-65	58-68	40-50	63-77
TENSILE	ASTM-D412	psi Min.	240	240	550	1000	240	100	150	150	200	270	220	225	185	330
ELONGATION	ASTM-D412	%	280	280	325	200	280	400	200	200	200	250	160	350	350	245
		Range	100-300	100-300	200-500	—	100-300	—	—	—	—	—	100	—	300	60-260
COMPRESSION SET	ASTM-D395	% Max.	30	32	45	7.5	32	—	—	—	—	—	—	45	30	30
COMPRESSION DEFLECTION	ASTM-D575	% Min.	3.5	3.5	2.5	—	3.5	—	—	—	—	—	—	3.5	—	3.5
TEAR "B"	ASTM-D624	ppi Min.	30	25	50	—	38	—	25	25	35	35	70	45	—	35
SPECIFIC GRAVITY	ASTM-D792	g/cc	3.20	3.20	3.15	1.17	2.05	—	—	—	—	—	2.0	2.20	2.08	2.10
		Range	3.05-3.95	3.05-3.95	3.05-3.95	—	1.75-2.25	1.65-1.85	1.80-2.20	1.90-2.05	1.90-2.05	1.95-2.05	1.97-2.03	—	1.75-2.25	1.75-2.25
VOLUME RESISTIVITY (w/o Pressure Sensitive Adhesive)	MIL-G-83528 P4.6.11	Ohm/cm	0.0009	0.0009	0.001	7	0.001	—	—	—	—	—	0.02	0.02	0.002	0.005
		Max.	0.004	0.004	0.002	10	0.008	0.050	0.03	0.04	0.04	0.04	0.04	0.04	—	0.004
OPERATING TEMPERATURE RANGE	MIL-G-83528 P.4.6.1	Max.	-55	-55	-55	-60	-55	—	—	—	—	—	-60	-55	-60	-55
		Min. °C	+160	+125	+160	+220	+160	—	—	—	—	—	—	+220	+220	+220
SHIELDING EFFECTIVENESS 20MHZ – 10GHZ (E-FIELD)	MIL-G-83528 P4.6.12	dB	100	110	110	—	100	—	90	90	90	90	—	—	78	90