



**AVERY DENNISON**

**Electrical Insulation & Shielding Materials**

**Insulflex Crepe™**

Item (1)	BASE PAPER Weight (2)	ELONGATION % (3)	INSULFLEX CREPE™						
			Tensile M.D. lbs./inch		Thickness (4)		Yield Sq. ft./lb.	Nominal Weight (5) g/m <sup>2</sup>	Apparent Density (6) g/cc
			Minimum	Nominal	Mils (.001")	mm			
12HCC	28	15	20	27	1.9 - 2.3	.048 - .058	89	55	1.02
15H	15	50	5	7	(8)	(.20)	122	40	.20
22HCC	39	15	30	50	2.9 - 3.4	.074 - .0086	64	76	1.05
35	35	50	11	20	(13)	(.33)	53	93	.28
310	35	100	11	18	(18)	(.46)	40	124	.27
35H	45	50	25	40	(15)	(.38)	41	120	.31
35HC ✓	45	50	25	38	6 - 8	.152 - .203	41	120	.67
310H	45	100	25	35	(18)	(.46)	31	159	.35
310HC	45	100	25	33	10 - 15	.254 - .381	31	159	.60
42HC	60	20	38	60	5.1 - 6.9	.130 - .175	40	123	.81
62C	68	20	20	30	8 - 7	.152 - .178	41	119	.72
55	58	50	20	25	(18)	(.46)	32	154	.34
510	58	100	20	25	(21)	(.53)	24	205	.38
510C	58	100	20	23	12 - 14	.305 - .356	24	205	.62
520	58	200	20	25	(36)	(.91)	16	303	.34
530	58	300	20	22	(48)	(1.22)	13	378	.31
55H	76	50	48	60	(21)	(.53)	24	202	.38
55HC	76	50	48	60	10 - 12	.254 - .305	24	202	.72
510H	76	100	48	55	(29)	(.74)	18	269	.36
510HC	76	100	48	55	12 - 15	.305 - .381	18	269	.78
520H	76	200	45	54	(38)	(.97)	12	386	.40
75HC	105	50	60	76	10.5 - 12.5	.287 - .318	18	265	.89
106HC	105	50	60	75	19 - 21	.483 - .533	18	265	.52
63HCW	76	30	48	75	9 - 11	.229 - .279	25	199	.78
55HCW	76	50	48	65	10 - 12	.254 - .305	21	232	.83
310H - 4 Ply	45	100	25	37	28 - 32	.711 - .813	8	637	.83
510H - 2 Ply	76	100	45	76	25 - 30	.635 - .762	9	537	.77
2 - 35H	45	50	25	37	17 - 20	.432 - .508	41	120	.25
45 Carbon B.	45	50	12	26	(21)	(.53)	41	120	.22
Al Foil	48	60	15	25	(19)	(.48)	38	127	.26
35S	33	50	12	18	(14)	(.36)	56	88	.25
210	25	100	7.5	10	(14)	(.36)	56	88	.25

**NOTES:**

- Key to item numbering system.  
First Digit — Caliper of base paper in mils.  
Second and Third Digits — Multiply by 10 to obtain percent elongation.  
Suffix H — High Density Kraft  
Suffix C — Calendered  
Suffix W — Waxed
- Weight — Basic 24 x 36 - 600 (3000 sq. ft.)
- Elongation — Values given are minimum.  
Crepe can be made in any elongation desired from 20% to 350%.
- Thickness — Caliper of uncalendered crepe shown in ( ) is not controlled. Calendered crepe must be used if controlled caliper is required. Any grade can be calendered.
- Weight — Crepe weight is subject to variation due to base paper and % elongation. Generally will hold within 20%.
- Apparent Density — Calculations are based on nominal crepe weight and caliper - in the unattached condition.
- Ash Content — Less than 1%.
- Moisture Content (dry basis) — Nominal 5% maximum 7%.
- All grades are available with thermal upgrading.
- Above data are nominal values, determined by ASTM D202 test procedure, offered as a technical guide and are not intended to be used for design purposes.

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