

INNER WRAP DATA SHEET- NIA I760

ROW	PROPERTY	UNIT	REQUIREMENT	TEST METHOD ASTM
A. TAPE PROPERTIES				
1	THICKNESS: TOTAL BACKING (min.) ADHESIVE (min.)	mm.	0.760 ± 5% 0.300 0.200	D 1000
2	TENSILE STRENGTH (min.)	Kg/cm width	6	D 1000
3	ELONGATION AT BREAK (min.)	%	350	D 1000
4	ADHESION TO PRIMED STEEL (min.)	Kg/cm width	3.0	D 1000 (METHOD A)
5	ADHESION TO SELF (AT OVERLAPS) (min.)	Kg/cm width	0.9	D 1000
6	DIELECTRIC STRENGTH (min.)	Kv/mm	20	D 149
7	INSULATION RESISTANCE (min.)	Ohm.m ²	10 ⁶	BS EN 12068
8	WATER VAPOR TRANSMISSION RATE (max.)	g/m ² /24 hrs	0.3	E 96 (METHOD B)
9	WATER ABSORPTION (max.)	%Wt	0.1	D 570
10	CATHODIC DISBONDING (max.)	mm. DIAMETER	30	G8 (METHOD A)
11	HEAT AGING IN 30 DAYS AT 60°C: REDUCTION OF ELONGATION & TENSILE STRENGTH (max.)	%	As per table 2 of BS EN 12068	BS EN 12068
12	TEMPERATURE RANGE: APPLICATION OPERATION	°C	-20 to 60 -20 to 60	

B. PRIMER PROPERTIES

1	Total Solid Content, min	% wt.	≥ 27	ASTM D 2369
2	Density at 25°C, min	g/cm ³	≥ 0.85	ASTM D 1475
3	Viscosity – Ford Cup No.4 at 25°C	seconds	35 – 60	ASTM D 1200
4	Drying Time at 23±2°C, max	minutes	15m	—
5	Shelf Life at Storage Temperature	months	24	—
6	Covering Capacity	m ² /litre	5	Recommend
7	Color	—	black	—
8	Storage Temperature – Min.	°C	≥ -10	—
9	Storage Temperature – Max.	°C	≤ +35	—