

3453 Corrosion Protection Tape Data Sheet

Subject	Result	Test method
Back carrier	0.03 in PVC	Caliper method
Type of adhesive	Modified solvent acrylic	N/A
Adhesive thickness	0.002 in	N/A
Total thickness	0.03 in	N/A
Galvanic corrosion resistance, dielectric strength	20	ASTM D149
Initial tack (lb/in)	7.05	PSTC-16
Holding power	> 24 hour	PSTC-7
Peel adhesion, lbf/in	5.4	180° FINAT FTMI
Tensile strength, lbf/in	<57	Lloyd, 500N load cell
Peel adhesion (lb/in)	3.1	PSTC-1
Tensile strength (MD) (psi)	1712.5	ASTM D882A:1997
Elongation at break	199%	ASTM D882A:1997
Tear resistance (MD) (psi)	76.24	ASTM D1004 : 1994-Die C
Dimensional stability(MD)	0%	ASTM D1593 : 1994
Temperature range	-22°F to +158°F	See notes below
Maximum size of production roll	47 in x 328ft	N/A

The independent test laboratory at Adhesive Technical Services Ltd performed the temperature test, England (test results available)

Dielectric Strength Data

Test	Dielectric strength (kv/mm)
ASTM D: 149-20	36.1

Test performed by Intertek, test result IWTN/VW000011977RL001

Coefficient of Friction Data

Test standard	Dry Surface Test Result	Wet Surface Test Result
EN16165:2021	1.06	0.31
Pendulum Test Value (PTV)		
DIN 51097	Category B	

The above tests were conducted in accordance with Pendulum, the tests were conducted at a recognized independent friction testing laboratory, and copy certificates are available on request. Pendulum is a dynamic test, for static tests we also have results ASTM C 1028-96.

LRV Test Results

SKU (Color)	RAL	Pantone	Av. LRV	Range
3453N (Black)	7021	Black U	4	1
3453X (Beige)	1035	452 C	37.5	2
3453S (Gray)	7037	Cool Gray 10	10	2
3453T (Clear)	Transparent	Transparent	56	2
3453W (White)	9003	White	82	4

All the above data is for reference only.

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