

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)

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.

Coefficient of Friction Data

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

Test performed by Intertek, test result IWTN/W000011977RL001



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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