

AQS Aqua-Safe 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	0.031 in	N/A
Initial tack (lb/in)	7.05	PSTC-16
Holding power	> 24 hour	PSTC-7
Peel adhesion, lbf/in	5.36	180° FINAT FTMI
Tensile strength, lbf/in	< 57.1	Lloyd, 500N load cell
Peel adhesion (lb/in)	3.086	PSTC-1
Tensile strength (MD) (psi)	1712	ASTM D882A:1997
Elongation at break	199%	ASTM D882A:1997
Tear resistance (MD) (psi)	76.23	ASTM D1004 : 1994-Die C
Dimensional stability (MD)	0%	ASTM D1593 : 1994
Temperature range	-7.6°F to +158°F	See notes below
Maximum size of production roll	47in x 328ft	N/A

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

LRV Test Results

SKU (Color)	RAL	Pantone	Av. LRV	Range
AQS_N (Black)	7021	Black U	4	1
H3405X (Beige)	1035	452 C	37.5	2
AQS_S (Gray)	7037	Cool Gray 10	10	2
AQS_T (Clear)	Transparent	Transparent	56	2
AQS_W (White)	9003	White	82	4

Coefficient of Friction Data

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

Pendulum is a dynamic test, for static tests we also have results ASTM C 1028-96.

All the above data is for reference only.

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