

Freeport

Construction

The material consists of an expanded vinyl, supported by a synthetic knitted fabric backing.

Width

Fed. Std. 191A-5020 - 54" min.

Weight

ASTM D751 - 27 ozs./lin. yd. \pm 1.5 ozs.

Thickness

ASTM D751 - 41 mils \pm 4.5 mils

Tensile Strength

ASTM D751 - warp 83 lbs. min.
- fill 65 lbs. min.

Tearing Strength (Trapezoid)

ASTM D751 - warp 19 lbs. min.
- fill 19 lbs. min.

Adhesion of Coating

ASTM D751 - 3 lbs./inch min.

Elongation Properties

SAE J855 - warp 16% min.
- fill 115% min.

Abrasion Resistance (Wyzenbeek)

Fed. Std. 191A-5304 (using #8 Duck)
No significant wear after 30,000 double rubs

Accelerated Light Aging (Weather-O-Meter)

ASTM G23-92 - No appreciable color-fading or development of tack or stiffness after 1,000 hrs.

Cold Resistance (Degrees F)

Fed. Std. 191A-5874 — Pass -2.5 degrees

Flexing Resistance (Newark)

ASTM D2097 - No cracking or delamination of the vinyl from the base fabric after 20,000 cycles

Blocking Resistance

Fed. Std. 191A-5872 — Scale rating of 2 max.

Crocking Resistance

Fed. Std. 191A-5851 — Rating of good in both wet and dry tests

Oil Resistance

CID-A-A-2950A — Pass, no permeation of oil

Fungal Growth Resistance

ASTM G21-90 — Pass, no fungal growth

Flame Resistance

Mellohide is manufactured to meet the following major fire test standards:
California Fire Regulation (Bulletin 117, Sect. E)
UFAC Class 1
BIFMA Class A



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