

Product: Mohawk Loop Antique Vellum i-Tone

Category: Small Format Digital - Specialty Paper

Mill: Mohawk (USA)

Country of Origin: United States of America

Scope of life cycle assessment (LCA) conducted: Raw material to exit mill door

LCA study completed by: US Environmental Protection Agency www.epa.gov/greenpower

LCA study offset partner: Green-e Marketplace www.green-e.org

Standard: Voluntary Carbon Standard (VCS)

Type of carbon credit purchased: Verified Emissions Reduction credits (VER's)

Australian National Carbon Offset Standard (NCOS) certified: NO

Technical specifications:

| | | |
|-------------------|------------------|-----|
| Basis Weight | g/m ² | 289 |
| Thickness | µms | 427 |
| Roughness | Sheffield | 320 |
| Opacity | | 99+ |
| pH Value/Archival | | 7-9 |
| Relative Humidity | % | 45 |

These characteristics are average values supplied for guidance purposes

Certificates

- FSC certified: Mix, Made Carbon Neutral, Green Seal and Green-e certified.

Print & Finish Suitability

| | | |
|--|--|---|
| <input checked="" type="radio"/> Creasing | <input checked="" type="radio"/> Foiling | <input type="radio"/> Laser |
| <input checked="" type="radio"/> Die-Cutting | <input checked="" type="radio"/> Folding | <input checked="" type="radio"/> Scoring |
| <input checked="" type="radio"/> Digital | <input type="radio"/> Inkjet | <input checked="" type="radio"/> Varnishing |
| <input checked="" type="radio"/> Embossing | <input checked="" type="radio"/> Film Laminating | <input type="radio"/> Screen Ruling: |
| <input type="radio"/> Other: | | |

Applications

| | | |
|---|--|--|
| <input checked="" type="radio"/> Annual Reportss | <input type="radio"/> Direct Mail | <input type="radio"/> Outdoor Use |
| <input checked="" type="radio"/> Brochures | <input checked="" type="radio"/> Folders | <input type="radio"/> Packaging |
| <input checked="" type="radio"/> Corporate Identity | <input checked="" type="radio"/> Invitations | <input checked="" type="radio"/> Presentation Material |
| <input type="radio"/> Other: | | |

LCA

The life cycle assessment delivers a thorough analysis of the greenhouse gas (GHG) emissions relating to the production of Mohawk Loop Digital i-Tone paper supplied to customers from Ball & Doggett. The Carbon Neutral Attribution Statement from Mohawk states 'Mohawk grades carrying the Carbon Neutral designation are made carbon neutral within Mohawk's production processes. In addition to purchasing enough Renewable Energy Certificates (RECs) to match 100% of the electricity used in our operation, the thermal energy used in the manufacture of several grades is offset through the purchase of carbon credits that fund renewable energy or emission-reduction projects. These carbon offsets meet credible third-party standards. Through this process, Mohawk is seeking to manufacture these papers with a net zero climate impact'.

US Environmental Protection Agency (EPA)

In the absence of the EPA's Climate Leaders Program, phased out in 2010, Mohawk continues to follow the program protocols to track their carbon footprint. In addition, the EPA has established its mandatory Greenhouse Gas (GHG) reporting rule, with which Mohawk is required to comply.

EPA's mission is to protect human health as well as the environment. They accomplish this by:

- Enforcing and developing environmental regulations and national standards.
- Give grants to state environmental programs, non-profits and educational institutions.
- Study environmental issues and share information with other countries.
- Maintain transparency and publish true, fact-based information to help educate others.

About the mill

Mohawk was founded in 1931 and is a fourth-generation family owned business. They offer a diverse range of premium paper brands and specialty substrates for both the print and design markets. Highly committed to sustainability, Mohawk aims to continuously improve every aspect of their business and environmental stewardship. Their objective is to make their environmental footprint as small as possible, to take decisive actions in minimising or eliminating negative impacts. In addition, Mohawk seeks to find the most innovative solutions to resource depletion, climate change, alternative energy development, waste management and more.

Benefits

By choosing Mohawk Loop Digital i-Tone, you are contributing to the reduction of greenhouse gas emissions and supporting the development of renewable energy projects. Additional sustainable benefits include:

- The purchase of more than 61,000 metric tons of VER's which have included; landfill gas fuel capture projects in Illinois and South Carolina, a manure energy capture project on a family farm in California and a methane reducing wastewater treatment project at a pulp and paper mill in Brazil.
- Since 2003, Mohawk's facilities have reduced natural gas and electrical consumption, reduced water usage by almost half and converted five tractor trucks to a biodiesel fuel mix. Mohawk supports the use of non-polluting wind generated electricity through the purchase of Green-e certified Renewable Energy Certificates (RECs) from windpower projects. Today, 100% of the electricity is matched with RECs.
- Installed steam plants which reduce air pollutants and air emissions have been capped at a level that will remain set regardless of production increase.
- Mohawk also participate in state-sponsored energy research and conservation programs.

Carbon neutral logos that can be used

Congratulations on making an environmentally responsible paper choice. If you would like to include a product attribution statement on the back of your work, please contact your B&B specialist. The use of Mohawk's carbon neutral and windpower logos are strictly by approval only.

Please contact our marketing department on 03 8794 3500.



MOHAWK windpower