Dauphin’s vision to use environmentally friendly materials and processes ensure that none of our products can seriously harm the environment and the human health. By observing and documenting raw materials and energy supplies, the types and amounts of waste and waste water produced, air emissions and energy consumption in all areas, we’re able to minimize negative impacts on the environment. Along with these operational measures, we also develop our products using Design for Disassembly principles, which allows for easy disassembly, faster sorting, and recycling of key components at end of life, allowing the recycled materials to retain their economic value. Our objective is to solve or avoid possible environmental problems while maximizing the durability of a product. We design with the intent of the product’s lifetime of usage, maintenance, repair and assembly using standard parts as much as possible.

Dauphin’s Design for Environment (DfE) program is implemented in every single product from the inception of the idea to the end of life by going through the program’s five key areas:

**Materials and the extraction of these Materials:**
- Use renewable, recyclable or recycled materials and minimize the use of thermoplastics and mixed polymers.
- Design products in a way that reduces material use, using better design instead of over dimensioning.

**Distribution and Packaging:**
- Avoid use of non-appropriate materials for packaging such as PVC and Aluminum.
- Optimize efficiency transport modes avoiding transport by air.
- Minimize long distance transport by maximizing work with local suppliers and markets in order to create a stronger product.

**Use and Function:**
- Optimize life time of product by increasing reliability and durability of each product.
- Design for easier maintenance and repair by creating cleaning, and repair instructions and making parts easy to dismantle and replace.
- Design in modular product structure to enable upgrades or interchangeable parts of products. - Changeable upholstery or parts etc.

**Production and Manufacturing:**
- Minimize losses from production facilities by good construction, service and fast repair.
- Production layouts of machinery, tools, and labor are periodically reviewed to check their sustainability and efficiency, and revised as needed for improvement.

**End of life Disassembly Design for Recycling:**
- Stimulate possible manufacturing/refurbishing by using modular and detachable parts, use of standard parts and instructions for non-destructive disassembly.
- Decrease need for virgin materials by using recyclable materials.
- Avoiding polluting elements that interfere with the recycling process.
- Our Take Back Program helps us minimize waste by reusing, reselling and repurposing our products.

**IMPROVING OUR DESIGN FOR THE FUTURE**

Speed-o is a perfect example of how our products continue to be developed with durability and sustainability in the forefront. This beautiful chair was designed to have the least amount of parts possible. Our goal was to create a chair that could be assembled and disassembled in a few minutes. We were successful and were able to eliminate hardware that would normally go into a task chair such as screws, bolts etc. Speed-o is a one of a kind chair that requires no tools to assemble, has less parts than any other task chair we have made, and more importantly, it is easy to assemble and maintain.

**TAKE BACK PROGRAM**

Dauphin accepts their chairs back at the end of the product’s life for proper recycling. Dauphin can recycle almost 100% of their chair’s materials and components.

Dauphin takes practice in post consumer recycling where our quality control team inspects each returned product to check it’s re-usability. If the product and its components meet the specific requirements and standards, it can be kept for donation or to be sold as a refurbished product.

The chairs which do not meet the necessary requirements will be disassembled, separated by materiality and appropriately disposed of for recycling or re-purposed.