**FLOWADAPTIVE**

**OUTFIT 1**
- Knee length coat with high collar.
- Hidden magnet placket. Asymmetrical high neck collar that can be folded down. Cargo-style and well pocket on chest with magnet closures.
- Cut out in the seat to reduce bulk, which aids in comfort.
- Chest bag with large zipper opening and extra clear envelope that can hold a plane ticket and ID.

**OUTFIT 2**
- 19-1763 TCX Racing Red
- Quilt texture on a GOTS certified cotton and dye.
- 11-4800 TPG Blanc de Blanc
- 17-5104 TCX Ultimate Grey

**Collared shirt** made of GOTS Organic Cotton. Buttons on outside, but actually a magnet placket. Pleated elbows and on the lower chest for mobility and comfort. Cuffs pressed up without any closure.

**Pleated pants** have no back pockets or seams for increased comfort.
- High back rise and lower front rise. No seat pockets or seams for maximum comfort.
- Side cargo-style and welt pocket with magnet closures. Placed on the thigh for better accessibility.
- Extra fabric patch behind the knees to reduce the chance of holes and lengthen the overall life of the garment.

**NATULON®** Mechanically Recycled Zipper Closure.
ABOUT FLOWADAPTIVE

FlowAdaptive is for a person of any gender who is looking for wheelchair adaptive clothing that is comfortable enough for travel, has a modern style, and unique designs. Wheelchair users want to have independence when it comes to getting dressed and their personal style.

Fashion shouldn’t be painful, it should be inclusive and comfortable enough for all adventures.

TARGET MARKET

Vera Jackson  Female  Age: 27  Income: 80k annually
Vera works at an advertisement agency in Dallas, Texas and needs to travel often to meet with new clients. She loves to visit new cities, but traveling can be hard when her work clothes are not breathable or enjoyable to wear. When it comes to fashion, Vera cannot find garments that are her style, comfortable, and appropriate for work travel. Vera often has issues with items not fitting right on her waist, not having useful pockets, and wants garments that can reduce the chance of getting pressure sores.

Ollie Micheal  Male  Age: 29  Income: 70k annually
Ollie works as an interior designer in San Francisco, California. He has a passion for travel and fashion, but he has a hard time finding clothing that is comfortable enough for his trips and is still stylish. As well as being wheelchair adaptive, Ollie struggles with poor grip and closures like buttons and small zippers can be a struggle to use. He is looking for garments that allow him to feel like he can get dressed independently and are comfortable enough for his travels.

SUSTAINABILITY

Blue Trousers: Biaichuan COSMOS™ 2/2 Twill 75D*150D combined the R-PET plastic bottles and color master batch and used dope dyed technology. No water is used in production.
Blouse and Denim Vest: GOTS certified cotton and dyes.
Coat: Bastin Hemp & Recycled Poly. Heavy Weight Water Resistant Fabric HP6911.
Coat Lining: Vivilify Textiles Recycled Polyester Gabardine.
Pleated Pants: Vivilify Textiles 100% Recycled Polyester.
Zippers: Natalon Mechanically Recycled Zipper.

Quality of fabric and construction can increase the life of the garment, which lowers the chance of the wearer needing to buying more like it.

INSPIRATION AND PRODUCTION PROCESS

For this inclusive line I was inspired by designer brands. I wanted a brand that is up to date on the trends and also has everything that a wheelchair user may need to be comfortable. Flow Adaptive has sleek, modern designs with unique details that look stylish and are also functional. The production process for this line included; research of other brands that make adaptive clothing, talking to people that have experienced the discomfort of non-adaptive clothing, fashion trend research, and sustainability research. To make the pages content I used Illustrator to draw and Photoshop for layout.

RESEARCH ABOUT WHEELCHAIR ADAPTIVE CLOTHING AND USERS

For my research I contacted a friend who has had experience working with wheelchair adaptive students. These students had problems with clothing bunching up, not being able to get dressed on their own, as well as discomfort in the seat of pants.
I also found that wheelchair users can experience injury just from the clothing they wear on a daily basis. Pressure sores are injuries to the skin and underlying tissue. These often develop on skin that covers bony areas of the body, often on the tailbone, hips, shoulder blades, heels, and elbows.
To reduce the chance of wearers getting pressure sores from their clothing it is important to keep the skin dry and reduce the number of hard surfaces in contact with bony areas of the body. Places that need extra ease in the clothing are the knees, the thighs, elbows, and shoulders.

TECHNICAL COMPONENT

TM128 - Wrinkle Recovery of Woven Fabrics: Appareance
This test method is for determining the appearance of the textile fabrics after induced wrinkling. It is applicable to fabrics made from any fiber or combination of fibers.
Why?: This would be perfect for when you have to pack clothes in bags for travel. As well as the wrinkles made from being seated in a chair for long periods of time.

TM100 - Antibacterial Finishes on Textile Materials
Provides a quantitative procedure for the evaluation of the degree of antibacterial activity. Assessment of antibacterial activity finish on textile material is determined by the degree of antibacterial activity intended in the use of materials.
Why?: This would be necessary for the cleanliness of the clothing and allowing you to wear the items more than once without washing.

TM211 - Reduction of Bacterial Odor on AntiBacterial-Treated Textiles
This test method is for the evaluation of the reduction of odor generated from textiles treated with antibacterial finishes.
Why?: Odor control is good for allowing the user to wear the item more than once. It would not smell after the first time, which would allow the traveler to pack less.

TM130 - Soil Release: Oily Stain Release
This test method is for the evaluation of fabrics to release an oily soil after exposure to home laundering conditions.
Why?: Soil Release would allow the wearer to wash off a stains. This would lengthen the life of the garment, which makes it a more sustainable garment.

TM199 - Drying Time of Textiles: Moisture Analyzer Method
This test method is intended to evaluate the dry time of knit, woven or nonwoven fabrics at an elevated temperature using a gravimetric moisture analyzer. By performing the test at non-standard textile conditions, it is possible to simulate drying at body temperature or to perform testing at temperatures that simulate conditions of use.
Why?: This is important for wheelchair users because it reduces the moisture from sitting in the chair. Moisture and friction of the chair can cause pressure sores. This is common for wheelchair users.

AATCC TESTING METHODS

AATCC MEMBERSHIP

I watched the Runway of Dreams meeting and I learned about how many people living with disabilities remain unrepresented in the fashion industry. Therefore, I find it so heartwarming to see an inclusive fashion show and all the companies that contributed to create clothing lines. Participating in the meeting encouraged me to reach out to individuals in close relation to those living with disabilities. This AATCC membership will give me the opportunity to not only become more educated about relevant industry topics and trends, but also the importance of the AATCC to the fashion industry as a whole.

EVENT: 03/22