Semper-Flexx98
TPU 98 Shore A

Thermoplastic Polyurethane (TPU) is elastic and melt-processable and can be colored through various processes. It is an extremely flexible material that is adaptable to many applications. TPUs are linear segmented block co-polymers composed of hard and soft segments. The soft segment can be either a polyether or polyester type, depending upon the application. Its range of physical properties enables TPU to be used as both a hard rubber and a soft engineering thermoplastic.

Semper-Flexx98 is a Polyester-based TPU with a 98 Shore A hardness, highly crystalline with low warpage and shrinkage, high transparency, excellent for applications that require good compression or are exposed to compressive loading.

Features & Benefits
- Compatible with PVC and other polar plastics
- Unaffected by oils
- Excellent chemical resistance
- Excellent abrasion resistance
- Low warping and shrinkage
- High transparency
- Good compression set
- Good general grade for FDM, easier to print

Full Box Packaging
- 0.5 kg reels packaged 14 to a box
- 1 kg reels packaged 12 to a box
- 5 lb reels packaged 6 to a box

Each box contains the same material, size and color. All filaments are vacuumed sealed with desiccant.

Tolerances
+ 0.003” / -0.003”

Recommended Printer Specifications
- Optimal Print Temp: 230°C – 260°C
- Optimal Bed Temp: 70°C – 100°C

Quality
All Keene Village Plastics 3D printer filaments are manufactured in Barberton, Ohio, USA with top quality raw materials and 3-Axis laser-controlled precision providing the highest class of products for the 3D printing industry.