



# **NORTHERN**

## **GEOTEXTILES, INC.**

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## **Product Data Sheet**

### **SF40**

**This is to certify that Northern Geotextiles, Inc. SF40 filter sock are made from Typar 3401G Geotextiles and are nonwoven, spunbonded, continuous filament polypropylene that meet the following Minimum Average Roll Values (MARV).**

| <b>Property</b>                     | <b>ASTM Test</b> | <b>MARV lb</b> | <b>MARV N</b> |
|-------------------------------------|------------------|----------------|---------------|
| Grab Tensile (lbs) N                | D 4632           | 130            | 578           |
| Elongation (%)                      | D 4632           | 60             | 60            |
| Trapezoidal Tear (lbs) N            | D 4533           | 60             | 270           |
| Puncture (lbs) N                    | D 4833           | 41             | 180           |
| CBR Puncture (lbs) N                | D 6241           | 225            | 990           |
| Mullen Burst (psi) kPa              | D 3786           | 140            | 965           |
| AOS (U.S. sieve no.) mm             | D 4751           | 70             | 0.212         |
| Permittivity (sec)                  | D 4491           | 0.7            | 0.7           |
| Permeability (cm/sec)               | D 4491           | 0.04           | 0.04          |
| Water Flow (gal/min/sf) l/min/sq.mt | D 4491           | 60             | 2444          |
| UV Stability (%)                    | D 4355           | 70             | 70            |
| Roll Sizes                          |                  |                |               |
| 4" Sock                             |                  | 250'           | 76.2m         |
| 6" Sock                             |                  | 100'           | 30.48m        |

**ASTM D4491 - Tested according to Constant Head procedure.**

**ASTM D4751 - AOS is a Maximum Opening Diameter Value.**

**\*\* Typar 3401G meets the requirements of AASHTO M288 Class 2.**

**Meets BABA**