



ACETex® PP is made of durable and high tenacity polypropylene (PP) fibers comprising of monofilament and/or multifilament. It has moderate opening size and high permeability with innovative weaving structure. It can be widely used for reinforcement, separation, containment and filtration in long term.

Product Properties

| Mechanical Index Properties | Test Method | Unit | GT50-II PP | GT60-II PP | GT70-II PP | GT70-I PP | GT80-II PP | GT100-II PP | GT120-II PP | GT175-II PP | GT200-II PP | GT250-II PP |
|-----------------------------------|-------------------------|---------------|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Material | | | High Tenacity and Durable Polypropylene Filament | | | | | | | | | |
| Tensile Strength - MD | ASTM D4595 ISO 10319 | kN/m (lb/ft) | 50 (3422) | 60 (4106) | 70 (4791) | 70 (4791) | 80 (5475) | 100 (6844) | 120 (8212) | 175 (11976) | 200 (13687) | 250 (17109) |
| Tensile Strength - CD | ASTM D4595 ISO 10319 | kN/m (lb/ft) | 50 (3422) | 60 (4106) | 70 (4791) | 105 (7186) | 80 (5475) | 100 (6844) | 120 (8212) | 175 (11976) | 200 (13687) | 250 (17109) |
| Static Puncture Resistance (CBR) | ASTM D6241 ISO 12236 | N (lb) | 4200 (943) | 4800 (1078) | 9000 (2021) | 9000 (2021) | 9000 (2021) | 11000 (2470) | 15000 (3368) | 23000 (5164) | 24000 (5399) | 27000 (6062) |
| Hydraulic Index Properties | | | | | | | | | | | | |
| Permittivity (50mm head) | ASTM D4491 ISO 11058 | 1/sec | 0.6 | 0.4 | 0.5 | 0.6 | 0.4 | 0.6 | 0.6 | 0.5 | 0.5 | 0.4 |
| Apparent Opening Size | ASTM D4751 ISO 12956 | mm (US sieve) | 0.425 (No.40) | 0.425 (No.40) | 0.425 (No.40) | 0.425 (No.40) | 0.425 (No.40) | 0.425 (No.40) | 0.425 (No.40) | 0.425 (No.40) | 0.297 (No.45) | 0.595 (No.30) |
| Packing Properties | | | | | | | | | | | | |
| Width | | m (yd) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) | 4.5 (4.9) |

Note.

- The maximum width of ACETex® PP woven geotextiles is up to 5.2m and the value shown on the data sheet is the most effective dimension.
- The values given are indicative and correspond to an average of results obtained in ACE laboratory and international testing institutions. The right is reserved to make changes without notice.

Disclaimer: This document is provided solely for general information, and shall not be construed as engineering advice, or part of the contract with any customer not withstanding anything to the contrary in the contract. We hereby disclaim any liability in connection with any use of the information herein.

Thank you for your interests in our products,
We can customize the product to fulfill different project requirement. If you require more detail information,
please feel free to contact us directly at sales@geoace.com.
We'll be pleased to provide our best assistance.

Accurate, Collaborative, Efficient

TEL: 886-4-26595926 FAX: 886-4-26595935
E-mail: sales@geoace.com <http://www.geoace.com>

