

DESCRIPTION

NW-12HD is a nonwoven Geotextile consisting of polypropylene fibers. These fibers are needed to form a stable and durable net which allows the fibers to retain their relative position. It is non-biodegradable and resistant to most soil chemicals, acids and alkalis with a pH range of 3 to 12.

FEATURES AND BENEFITS

- Included in ATI's Ultra COAT™ Solution
- Premium Geotextile Underlayment
- Adds extra layer of protection and bonds with ATI spray-applied Ultra COAT™ coating application
- Non-woven polypropylene Geotextiles are chemically stable in a wide range of aggressive environments
- Staple fibers are needle punched together to form a sturdy fabric capable of withstanding construction installation stresses
- Utilizes a high-strength woven monofilament filter fabric that offers ideal drainage and support

RECOMMENDED APPLICATIONS

- Secondary Containment
- Infrastructure (bridge abutments, roads, tunnels, etc.)
- Industrial and commercial construction
- Embankment on soft soils
- Slope reinforcement
- Foundation and retaining walls
- Reclamation and breakwater
- Earth/rock dam and irrigation infrastructures
- Railway and airfield construction
- Sport and athletic fields
- Silt fence
- Power plants and sub-stations
- Waste lagoons and pits
- Landfill and waste bury fields
- Roof decks
- Lagging wall drainage / Pilewall drainage

- Hydrostatic pressure relief
- Below grade drainage in conjunction with liquid and sheet applied waterproofing
- Parking Decks
- Bulkheads and Vertical applications
- Various containment applications

TECHNICAL SPECIFICATIONS

Min Average Roll Value	
Weight <i>(test method ASTM D-5261)</i>	12.1 oz/yd ²
Tensile Strength <i>(test method ASTM D-4632)</i>	315 lbs
Tensile Elongation <i>(test method ASTM D-4632)</i>	15%
Mullen Burst <i>(test method ASTM D-3786)</i>	600 psi
Puncture Strength <i>(test method ASTM D-4833)</i>	120 lbs
Trapezoid Tear <i>(test method ASTM D-4533)</i>	120 lbs
UV Resistance <i>(test method ASTM D-4355)</i>	70% @ 500 hr
AOS <i>(test method ASTM D-4751)</i>	40 US Sieve
Permittivity <i>(test method ASTM D-4491)</i>	0.05 sec-1
Water Flow Rate <i>(test method ASTM D-4491)</i>	4 gal/min/ft ²
Color	White or Black

