

THE STRENGTH OF

Americantilapia

HDRPE 12/10

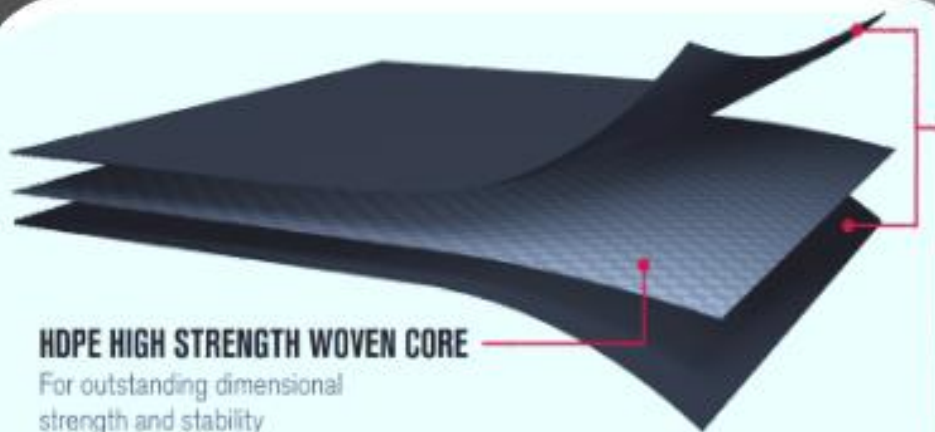
**MOST DURABLE AND
RESISTANT**



MAXIMUM STRENGTH & PERFORMANCE

Americantilapia® HDRPE 12 mills 10 Years minimum useful life.
Is a high-strength geomembrane designed for use as a heavy-duty cover in oil fields, landfills, remediation, trucks and rail cars, and agriculture.

The Americantilapia® HDRPE woven core provides outstanding dimensional stability and high strength.



HDPE HIGH STRENGTH WOVEN CORE

For outstanding dimensional strength and stability

ENGINEERED LLDPE/LDPE COATING

For flexibility, chemical resistance and protection against UV, ozone and oxidation.

FEACTURES

- Exceptional UV, ozone, and oxidation resistance.
- Puncture, abrasion and chemical resistant.
- Non-toxic, no PVC or other hazardous materials used in construction of fabric
- Low water vapor permeability.

www.americantilapia.com

APPLICATION

Irrigation canals, covers - agricultural, soil, manure, salt and general purpose, interim covers, medium duty covers, environmental protection, landfill covers, spill containment, remediation and more.

SIZES & COLORS

- 12 mil thickness
- Black/White



PROPERTY	TEST/METHOD	HDRPE	12 TYPICAL VALUES
Nominal Weave			10 x 8 ppi
Coating			Two sides LDPE @ 1.5 mil thickness
Core Fabric		HDRPE	
Weight	ASTM D5261		5.7 oz/yd ² (193 gsm) ± 5%
Nominal Thickness	ASTM D1777		12 mil (0.30 mm)
Color			Black
Available Sizes			144" (3.66m) wide
Tensile Strength	ASTM D751		MD 210 lbs (95 kg) Elongation 20% CD 176 lbs (80 kg) Elongation 20%
Trapezoidal Tear	ASTM D4533		MD 65 lbs (30 kg) CD 55 lbs (25 kg)
Mullen Burst	ASTM D751		350 psi (2414 kPa)
Accel. UV Weathering	ASTM D154		>90% after *2000 hrs exposure

Geosynthetic Accreditation Institute GAI - LAP

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