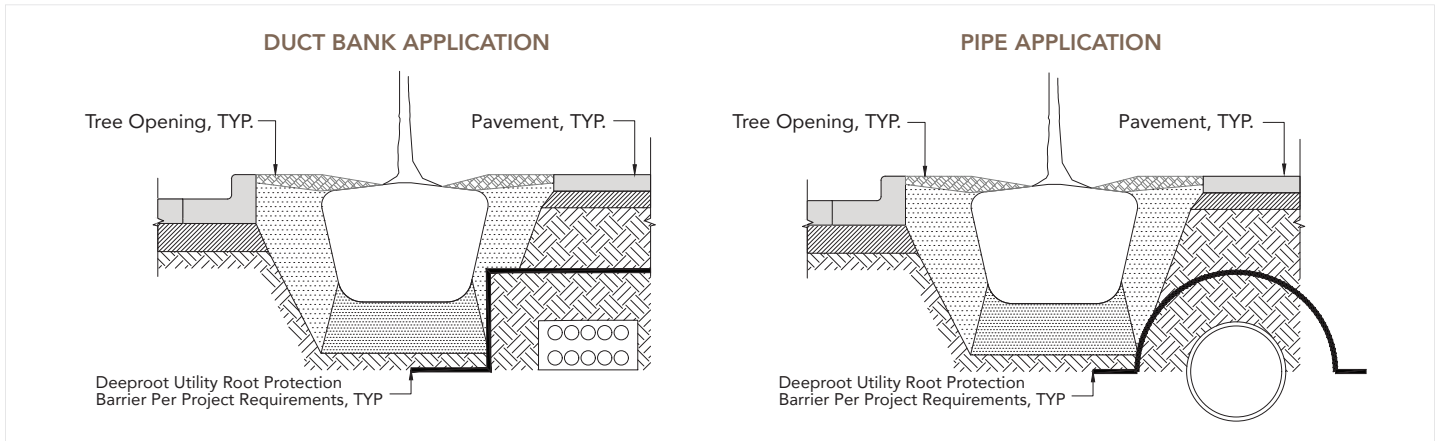


# UTILITY PROTECTION BARRIERS

DeepRoot Utility Barriers provide durable protection for underground infrastructure and block invasive roots from existing or proposed underground utilities.



## DEEPROOT UTILITY BARRIER FEATURES:

- Cut to any measured length with a utility knife.
- Available in rolls for continuous placement up to 150 linear feet (45.7 m) without seams, and up to 1200 square feet (111.48m<sup>2</sup>) overall.
- Increased dimensions possible with vertical placement or horizontal overlap.
- Vertical or horizontal joining with sealant tape.

## DEEPROOT UTILITY BARRIER MATERIALS:

- Nonwoven polypropylene 60 mil, coated double-side.

## ADDITIONAL DEEPROOT BARRIER PRODUCTS & APPLICATIONS:

- DeepRoot manufactures additional geomembrane products for barrier applications, including invasive species, utilities, retaining walls, foundations, and other types of infrastructure.
- DeepRoot Tree Root Barrier: For guiding and redirecting tree roots down and away from hardscapes or specialty protection applications.
- DeepRoot Bamboo Barrier: For containment of invasive species such as bamboo.
- DeepRoot Moisture Barrier: For moisture control applications.

MATERIAL PROPERTIES	TEST AVERAGE RESULT
MD Break Strength (ASTM D638)	2291 psi
TD Break Strength (ASTM D638)	1404 psi
MD Break Elongation (ASTM D638)	31%
TD Break Elongation (ASTM D638)	28%
Puncture Strength (ASTM D4833)	174 lbs.
MD Tear Strength (ASTM D1004)	41 lbs.
TD Tear Strength (ASTM D1004)	34 lbs.

## SPECIFICATIONS

PRODUCT CODE	WIDTH (FEET)	WIDTH (M)	LENGTH (FEET)	LENGTH (M)	MIL THICKNESS
UPB 6-150	6'	1.8M	150'	45.72M	60 MIL
UPB 8-150	8'	2.4M	150'	45.72M	60 MIL