

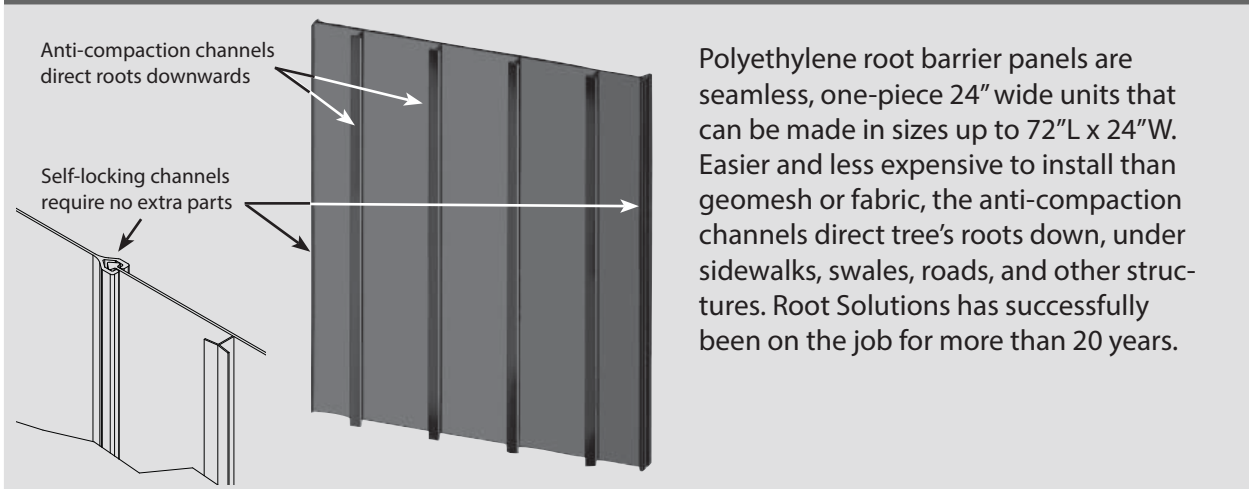
# Root Solutions

## Flexible, Easy-to-Assemble Root Barrier

Root Solutions extruded root barrier panels offer the simplest way to keep tree roots from damaging sidewalks, roads, and structures. Whether used as a linear barrier or surrounding a rootball, the flexible panels will contour to irregular or difficult locations. The self-locking channels require no glue or additional parts, and slide together in seconds. Made of a blend of 100% recycled high-density and low-density polyethylene, they won't become brittle, harden, or fail over the life of a project.



- 100% Post-Consumer Recycled Polyethylene - durable and long-lasting
- Fast and easy to assemble with self-locking channel - full 24" wide panels
- Anti-Compaction channels direct roots downward, prevent root girdling
- Custom depths up to 72" possible with standard two-foot wide panels



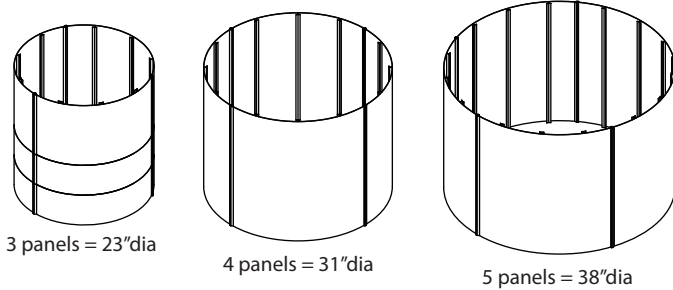
Polyethylene root barrier panels are seamless, one-piece 24" wide units that can be made in sizes up to 72"L x 24"W. Easier and less expensive to install than geomesh or fabric, the anti-compaction channels direct tree's roots down, under sidewalks, swales, roads, and other structures. Root Solutions has successfully been on the job for more than 20 years.

Part No.	Material	Dimensions	Weight, ea. (lbs.)	Case Pack
RS-12	HD/LLDPE	24"W x 12"D x .08"(avg.)	1	20 or 40
RS-18	HD/LLDPE	24"W x 18"D x .08"(avg.)	1.5	20
RS-24	HD/LLDPE	24"W x 24"D x .08"(avg.)	2	20
RS-36	HD/LLDPE	24"W x 36"D x .08"(avg.)	3	20
RS-48	HD/LLDPE	24"W x 48"D x .08"(avg.)	4	20

### Material Properties

Root Solutions panels are an extruded blend of 100% post-consumer recycled high-density and linear low-density polyethylene, with an average thickness of 80mil (0.08")

Property	ASTM Test Method	Result
Tensile Strength at Yield	D638	3800
Elongation at Break (%)	D638	10%
Tensile Modulus	D638	155,000
Notched IZOD Impact	D256A	0.4-4.0
Flexual Modulus	D790	145,000
Hardness (Shore)	D2240	P66



Container	Balled Burlap or Field Grown	Panels per tree
16 gal.	up to 16"	3 to 4
20" Box	up to 24"	4
24" Box	up to 32"	5
30" Box	up to 38"	6
36" Box	up to 48"	7
42" Box	up to 55"	8
48" Box	up to 65"	9
60" Box	up to 78"	11
72" Box	up to 94"	13



**BETWEEN** LANDSCAPE + ARCHITECTURE



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