

CR-PE Multi-Purpose Root & Water Barrier Molded rolls :

Manufactured from durable polyethylene material, the CR-PE Roll first features a natural water barrier with integrated 90° flared root deflecting ribs preventing costly damage to both hardscapes and pavements from root and/or water damage. Reduces construction cost on materials for projects up to 50% over standard root barrier panels with maximum protection.



Linear Application: For root pruning of existing trees or in planting situations where one or more trees are in close proximity to hardscapes.
-OR-
Tree Well Application: For new tree planting or when the hardscape encircles the planter

FEATURES:

- Most versatile & advanced root barrier on the market today.
- Reduces cost by combining two products into one effective Water and Root barrier
- Prevents water from seeping under pavements & roadways
- Integrated 90° Flared root deflecting ribs; self interlocking connection.
- Ease of installation; ribs provide stabilization during installation

MD = Machine Direction
TD = Transverse Direction

SPECIFICATIONS (Polyethylene)

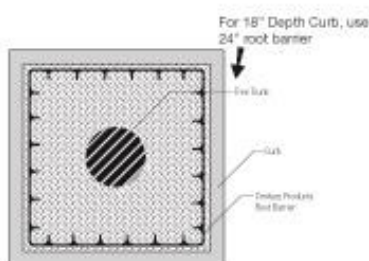
CR-PE Series: CR-PE12-20, CR-PE18-20, CR-PE24-20, CR-PE36-20.
Integrated & Flared root deflecting ribs with self interlocking connection.
Material: Polyethylene with ultraviolet inhibitors.
Thickness: 0.040" & 0.060"

| MATERIAL | Polyethylene | | | |
|--------------------------------|------------------|--------------------------------------|--|--------------------------------------|
| THICKNESS | 0.040" | | 0.060" | |
| PROPERTIES | ASTM TEST METHOD | VALUE POLYETHYLENE COPOLYMER (.040") | ASTM TEST METHOD | VALUE POLYETHYLENE COPOLYMER (.060") |
| MD Break Strength (psi) | D638 | 4238 psi | D638 | 2950 psi |
| TD Break Strength | D638 | 3278 psi | D638 | 3463 psi |
| MD Break Elongation | D638 | 726% | D638 | 603% |
| TD Break Elongation | D638 | 607% | D638 | 676% |
| Puncture Strength | D4833 | 111 lbs. | D4833 | 158 lbs. |
| MD Tear Strength | D1004 | 46 lbs. | D1004 | 64 lbs. |
| TD Tear Strength | D1004 | 42 lbs. | D1004 | 60 lbs. |
| Hydrostatic Resistance (psi) | D75, Procedure A | 403 psi | D75, Procedure A | 615 psi |
| MULTI-AXIAL TENSILE PROPERTIES | D75, Procedure A | | | |
| Maximum Stress (psi) | | 1954 psi | D5617 Procedure A Centerpoint Deflection Versus Pressure | 1954 psi |
| % Elongation @ Rupture | | 31.1% | D5617 Procedure A Centerpoint Deflection Versus Pressure | 31.1% |

U.S. Standard
For Technical or Field Support, please call: (714) 632-7083

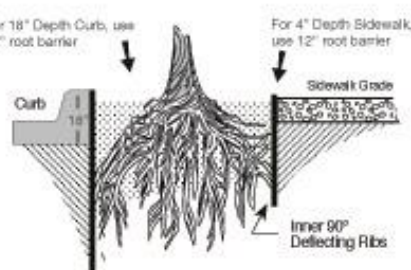
Tolerances may vary in order to maintain the integrity of post-consumer materials, and assure the material structure. We make no other warranties, express or implied, and specifically disclaim the warranty of merchantability or fitness for a particular purpose.

TREE WELL APPLICATION



For 18" Depth Curb, use 24" root barrier

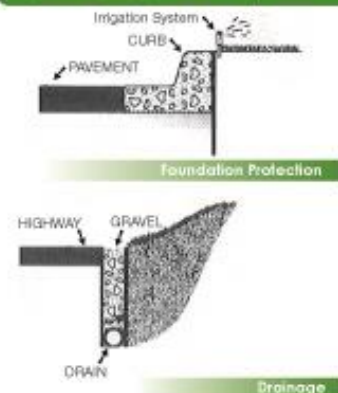
LINEAR APPLICATION



For 18" Depth Curb, use 24" root barrier

For 4" Depth Sidewalk, use 12" root barrier

DUAL PURPOSE WATER/BARRIER



* If planting adjacent curb, gutter & sidewalk, 24" material is recommended to contain roots.