

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)

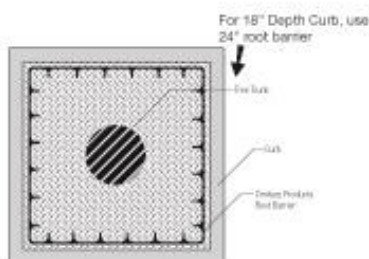
CR-PE Series: CR-PE12-20, CR-PE18-20, CR-PE24-20, CR-PE36-20.
Integrated & Flared root deflecting ribs with self interlocking connection.
Material: Polyethylene with ultraviolet inhibitors.
Thickness: 0.040" & 0.060"

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%

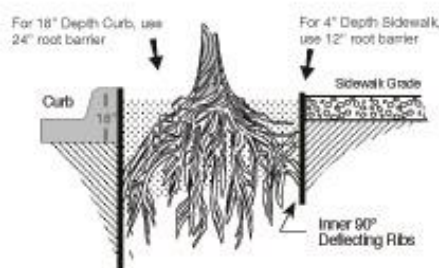
U.S. Standard
For Technical or Field Support, please call: (714) 632-7083

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.

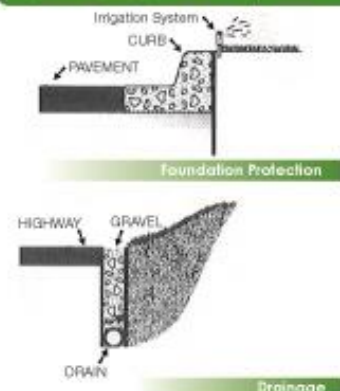
TREE WELL APPLICATION



LINEAR APPLICATION



DUAL PURPOSE WATER/BARRIER



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