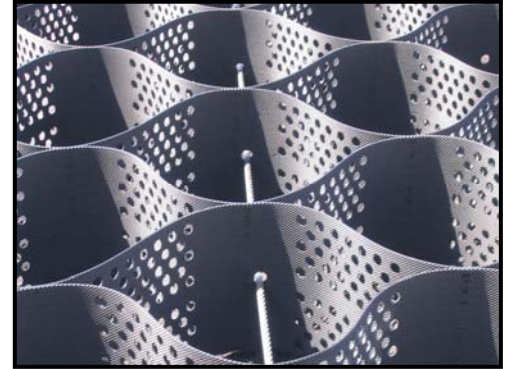


GENERAL DESCRIPTION

GardNet™ is an expandable polyethylene sheet strip assembly, connected by a series of offset, full-depth, ultrasonic welded seams aligned perpendicular to longitudinal axis of strips which, when expanded, form walls of a flexible, 3-dimensional, cellular confinement system.



BASIC USE

GardNet™ is typically used for confinement of LiteTop® growing media on sloped Garden Roof Assembly® applications.

ADVANTAGES

- Restrains LiteTop® growing media on slopes >3:12.
- Allows for free drainage of excess water/moisture.
- Materials are resistant to all known naturally occurring earth salts and minerals.

TECHNICAL SPECIFICATIONS

PROPERTY	TEST METHOD	RESULT
COLOR		Black
CELL WALL THICKNESS (in./mm)	ASTM D5199	0.05 / 1.27 (-5,+10%)
SHEET STRIP HEIGHT (in./mm)		3,4,6 / 75,100,150
EXPANDED CELL DIMENSION (in./mm)(nom.)		12.6 W X 11.3 L / 320 X 287
SECTION COVERAGE (sq.ft./sq.m.)(nom.)		143 / 13.3 – 18 cell 167 / 15.5 – 21 cell 198 / 18.4 – 25 cell 230 / 21.4 – 29 cell 270 / 25.0 – 34 cell
POLYETHYLENE DENSITY (lb./cu.ft. / g/cm3)	ASTM D1505	58.4-60.2 / 0.935-0.965
POLYETHYLENE ENVIRONMENTAL STRESS CRACK RESISTANCE (ESCR)	ASTM D1693	3,000 hours
SEAM PEEL STRENGTH (lb.-force / N)		240 / 1060 – 3 in. strip 320 / 1420 – 4 in. strip 480 / 2130 – 6 in/ strip
SEAM HANG STRENGTH (lb. / kg) (7 days/1 hr. temp. cycling – ambient to 160°F)	ASTM E41	160 / 72.5
CARBON BLACK CONTENT (%)		1.5 – 2.0