

SILVA CELL SYSTEM 2X

NOT TO SCALE

KEY PLAN

- (A) SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
- (B) SUBGRADE, COMPACTED
- (C) GEOTEXTILE FABRIC, PLACED ABOVE SUBGRADE
- (D) 4" MIN AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
- (E) SILVA CELL BASE SLOPE, 10% MAX
- (F) 1" TO 6" SPACING BETWEEN SILVA CELLS AT BASE
- (G) ANCHORING SPIKES, CONTACT DEEPROOT FOR ALTERNATIVE
- (H) GEOGRID, WRAPPED AROUND PERIMETER OF SYSTEM, WITH 6" TOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
- (I) CABLE TIE, ATTACHING GEOGRID TO SILVA CELL AT BASE OF UPPER LEG FLARE, AS NEEDED
- (J) PLANTING SOIL, PER PROJECT SPECIFICATIONS, PLACED IN LIFTS AND WALK-IN COMPACTED TO 75-85% PROCTOR
- (K) COMPACTED BACKFILL, PER PROJECT SPECIFICATIONS
- (L) GEOTEXTILE FABRIC TO EDGE OF EXCAVATION
- (M) RIBBON CURB AT TREE OPENING (TO BE USED WITH PAVERS OR ASPHALT)
- (N) THICKENED EDGE AT TREE OPENING (TO BE USED WITH CONCRETE)
- (O) PAVEMENT AND AGGREGATE BASE PER PROJECT *

*MINIMUM PAVEMENT PROFILE OPTIONS TO MEET H-20 LOADING
PAVEMENT + AGGREGATE BASE COURSE
4" CONCRETE + 4" AGGREGATE
3" PAVEMENT + 12" AGGREGATE
4" ASPHALT + 12" AGGREGATE
2.6" PAVEMENT + 5" CONCRETE

- (P) DEEPROOT ROOT BARRIER, 12" OR 18", DEPTH DETERMINED BY THICKNESS OF PAVEMENT SECTION, INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT
- (Q) PLANTING SOIL BELOW ROOT BALL, COMPACTED WELL TO PREVENT SETTLING
- (R) ROOT BALL
- (S) TREE OPENING TREATMENT, PER PROJECT SPECIFICATIONS
- (T) DEEPROOT WATER AND AIR VENT, ROOTBALL, WHEN REQUIRED
- (U) DEEPROOT WATER AND AIR VENT, WHEN REQUIRED
- (V) UNDERDRAIN SYSTEM, WHEN REQUIRED (LOCATION AND DETAILS BY OTHERS)

NOTES
1. EXCAVATION SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE HEALTH AND SAFETY REGULATIONS
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
3. PROVIDE SUPPLEMENTAL IRRIGATION
4. DO NOT SCALE DRAWINGS

NOT TO SCALE
INCHES

SILVA CELL SYSTEM 2X

deeproot
DeepRoot Green Infrastructure
www.deeproot.com
T 415 781 9700
F 415 781 0191



Required Tree to Soil Volume Ratio Graph

- LARGE SHADE TREES (1,000 C.F. SOIL VOLUME)
 - Gumbo Limbo
 - Live Oak
 - Wild Tamarind
 - Green Buttonwood

- MEDIUM SHADE TREES (500 C.F. SOIL VOLUME)
 - Satin Leaf

- SMALL TREES/LARGE PALMS (400 C.F. SOIL VOLUME)
 - Montgomery Palm (Double)
 - Ribbon Fan Palm
 - Sabal Palm
 - Silver Buttonwood
 - Simpson Stopper

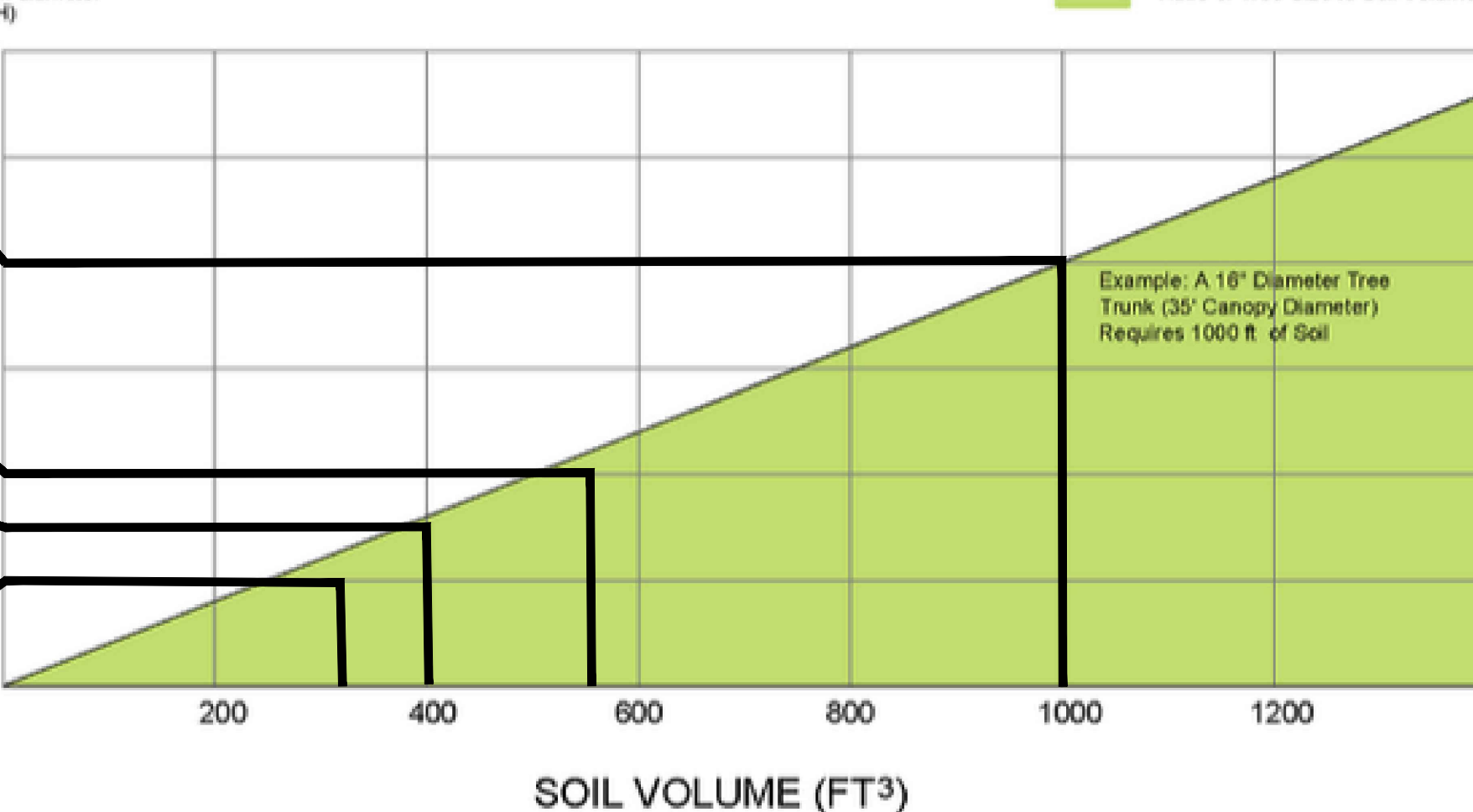
- SMALL PALMS (300 C.F. SOIL VOLUME)
 - Florida Thatch Palm

PROJECTED MATURE TREE SIZE

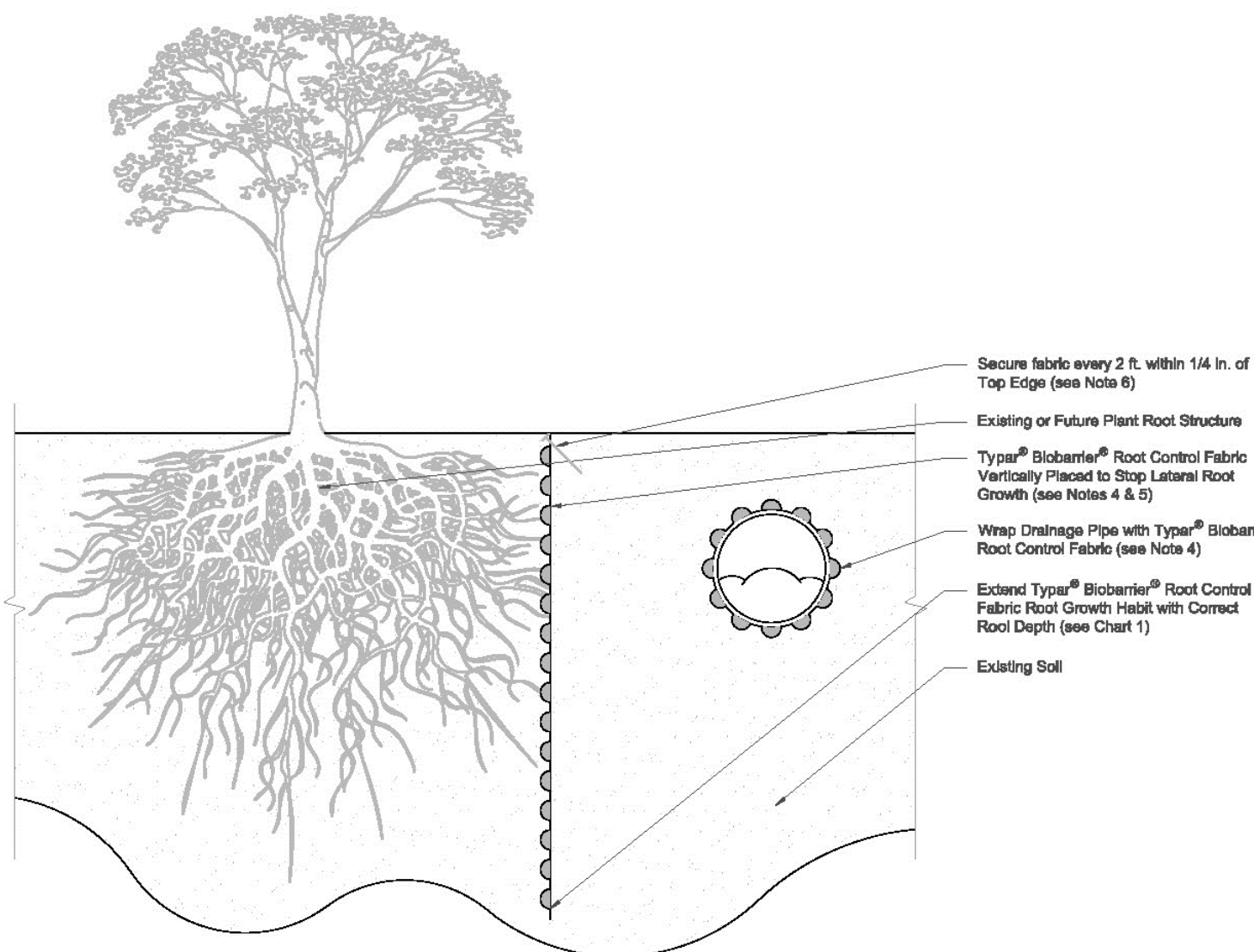
Canopy diameter

Trunk diameter (DBH)

Ratio of Tree Size to Soil Volume



Soil volumes depicted in this chart are based on the amount of roots loam soil can support with optimum compaction for root growth.



1 Biobarrier® Root Control Fabric Drain Line Application

Scale: 1/4" = 1'-0"

NOTES:

Note 1: Contact your utility company prior to installing. Consult a professional arborist if root trimming is required.
Note 2: Install a 1/2" x 1/2" x 1/2" mesh screen over the top of the fabric to prevent soil from falling through.
Note 3: Dig trenches a minimum of 4 ft wide for Type® Biobarrier® Root Control Fabric. Trenches must be a minimum length of 10 ft and a minimum depth of 12 in. to ensure the fabric is properly installed.
Note 4: Install Type® Biobarrier® Root Control Fabric on the side of the trench opposite the root source.
Note 5: Planting area should provide fabric between the root ball and the trench edge. The fabric should be installed at a 45° angle to the trench wall.

Specific advice on the use of Biobarrier® can be obtained from Polymer Group Inc.

Table 1: Biobarrier® Specifications

Description	Details
Product Overview Family	Biobarrier® Root Control System (Thermoplastic Polyethylene)
Composition	Polypropylene + 74.0% UV Stabilizer + 0.5% Talcum + 0.05% Pigment Masterbatch + 0.05%
Appearance Physical Data	Gray Fabric Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 + 10% @ 30°C Bursting Pressure (lb/in²) 150 + 10% @ 30°C Density (lb/in³) 0.015 Moisture Absorption (g/100g) 0.1 pH 7.0 - 8.0 Flammability (UL-94) V-0 Fire Retardancy (ASTM E-84) Class 1 Elongation at Break (%) 100 Tensile Strength (lb/in) 150 + 10% @ 30°C Tear Strength (lb/in) 150 +