

GameChanger 40Z



Polyethylene Monofilament

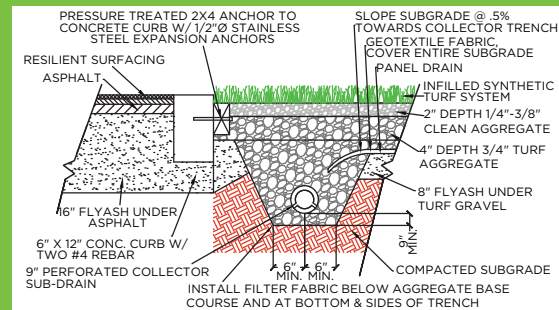
Polyethylene Slit-Film

PROPERTY

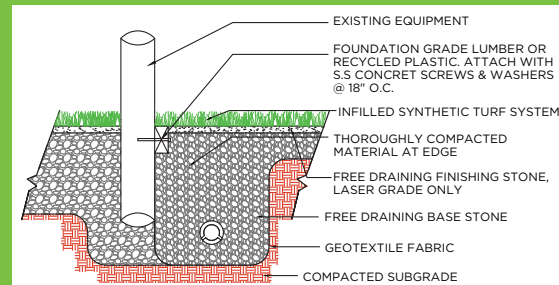
DESCRIPTION

FL440Z-40

Primary Yarn Polymer	Polyethylene
Yarn Cross Section	Polyethylene Monofilament; Polyethylene Slit Film
Standard Color	Field; Field/Lime
Additional Colors Available	White, Yellow, Red, Florida Blue, Black, Orange, Terra Cotta
UV Stabilized	Yes
Fabric Construction	Tufted
Primary Backing	Dual layered woven polypropylene
Coating Type	SilverBack™ Polyurethane
Perforations	Yes
Polyethylene Yarn Denier/Ends	1500/6 (Mono) 5000/1 (Slit)
Recommended Infill	1 lb. Silica Sand; 3 lbs. SBR Rubber
Pile Height	2"
Pile Weight	40 oz.



CURB



EQUIPMENT

Standard Line and Field Colors*



APPLICATION

This is a multi sport field product. This product should be installed outdoors on a compacted aggregate base. The GameChanger series is the world's first tufted fabric utilizing 3 cross sections per needle. The 3C "Triple Coverage" system allows for more face yarn to show off its beautiful colors. This 14,000 denier system will keep your field looking newer, longer with over 50% more yarn denier above the rubber infill.



*Custom colors available upon request

TESTING

GAMECHANGER 40Z

FINISHED FABRIC

Nominal Specification

Pile Height (Nominal)

Face Weight

Total Fabric Weight

Primary backing Weight

Secondary Coating Weight

Tuft Bind

Grab Tear Strength (Average)

Lead Content

Total Yarn Linear Density

Tensile Strength (Mono)

Tensile Strength (Slit)

Stitch Rate

Machine Gauge

Flammability

Water Permeability w/infill

Fiber Thickness (Mono)

Fiber Thickness (Slit)

Fabric Width

ENGLISH SYSTEM

Value

Units

2

In.

40

oz/yd²

67

oz/yd²

7.4

oz/yd²

20

oz/yd²

>10

lbs.

>200

lbs.

<50

ppm

14,000

Denier

16

lbs.

8

lbs.

7.2

Per 3"

1/2

In.

TEST

PASSED

>30

In./Hr.

22.0

mils

9.4

mils

15

Ft.

METRIC SYSTEM

Value

Units

50.80

mm.

1356

g/m²

2271

g/m²

251

g/m²

678

g/m²

>3.6

Kg.

>91

Kg.

<50

ppm

15,554

D-TEX

7.26

Kg.

3.6

Kg.

9.43

Per 10 cm

1.27

Cm.

TEST

PASSED

>76

Cm./Hr.

235

microns

100

microns

4.6

M

ASTM TEST

Method

D-5823

D-5848

D-5848

D-5848

D-5848

D-1335

D-2256

D-2765

D-1577

D-5034

D-789

D-5793

D-5793

D-2859

F-1551

D-3218

D-3218

None

