

# GameChanger 46



**SPORTURF™**



Polyethylene Monofilament

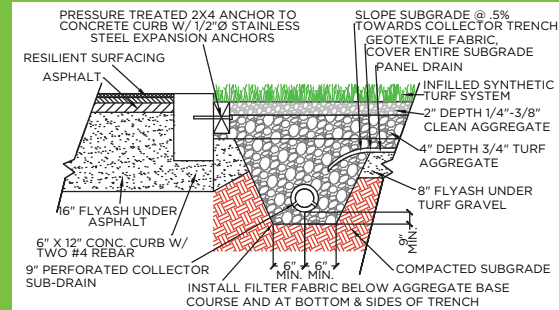
Polyethylene Slit-Film

## PROPERTY

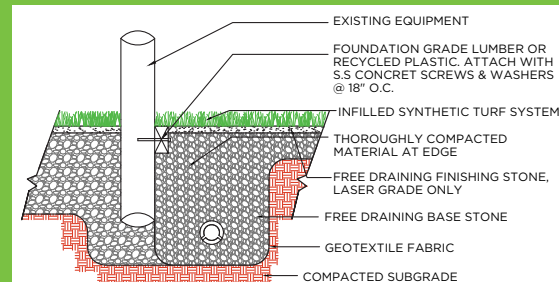
## DESCRIPTION

<b>Primary Yarn Polymer</b>	Polyethylene
<b>Yarn Cross Section</b>	Polyethylene Monofilament; Polyethylene Slit Film
<b>Standard Color</b>	Field; Field/Lime
<b>Additional Colors Available</b>	White, Yellow, Red, Florida Blue, Black, Orange, Terra Cotta
<b>UV Stabilized</b>	Yes
<b>Fabric Construction</b>	Tufted
<b>Primary Backing</b>	Dual layered woven polypropylene
<b>Coating Type</b>	SilverBack™ Polyurethane
<b>Perforations</b>	Yes
<b>Polyethylene Yarn Denier/Ends</b>	1800x4 (Mono) 5040/1 (Slit)
<b>Recommended Infill</b>	1 lb. Silica Sand; 3.25 lbs. SBR Rubber
<b>Pile Height</b>	2 1/4"
<b>Pile Weight</b>	46 oz.

## FL420-46

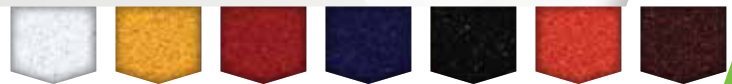


### CURB



### 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 3C "Triple Coverage" system allows for more face yarn to show off its beautiful colors. This 12,200 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 46Q

### 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 1/4

In.

46

oz/yd<sup>2</sup>

73

oz/yd<sup>2</sup>

7.4

oz/yd<sup>2</sup>

20

oz/yd<sup>2</sup>

>10

lbs.

>200

lbs.

<50

ppm

12,200

Denier

16

lbs.

8

lbs.

7.75

Per 3"

1/2

In.

TEST

PASSED

>30

In./Hr.

22.0

mils

9.4

mils

15

Ft.

### METRIC SYSTEM

#### Value

#### Units

57.15

mm.

1560

g/m<sup>2</sup>

2475

g/m<sup>2</sup>

251

g/m<sup>2</sup>

678

g/m<sup>2</sup>

>3.6

Kg.

>91

Kg.

<50

ppm

13,554

D-Tex

7.26

Kg.

3.6

Kg.

10.168

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



11/3/2014