

## Specification Sheet: Challenger 24

Challenger is a 24mm sports grass designed primarily with football in mind. It is a sand filled grass which achieves a natural ball bounce and enhanced durability.



### Challenger 24 – 24mm Pile Height

- Manufacturer – Nomow Ltd
  - Web: [www.nomow.co.uk](http://www.nomow.co.uk)
  - Tel: 0800 587 0380
  - Product reference: Challenger 24
- Colour
  - Primary Yarns: Sulu Green.

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## Guidance for Challenger 24 from Nomow Ltd

As Standard

Material: Polyethylene

Backing: Woven warp knitted backing, with a formulated latex compound

### Technical Characteristics

Product Name: **Challenger 24**

Type: Tufted cut sand filled synthetic grass

Yarn material: 100%Polyethylene slit film

Yarn Dtex: 8.800/.1

Yarn quality: 100% EU free of heavy metals & toxics

Primary backing: 100% polypropylene, Thiobac UV-stabilised appr.155gr/m2

Coating: Black, latex SBR appr 850gr/m2

Water permeability: >300ml/min/100cm2 (standard NOC\*NSF)

Tuft gauge: 8/8"

Pile Height: appr. 24mm (+/-10%)

Total Construction Height: appr. 26mm (+/-10%)

Stitches per m1 Linear: 190 (+/-10%)

Total stitches per m2: 19950 (+/-10%)

Face weight: 1050 gram/m2 (+/-10%)

Total Weight: 2055 gram/m2 (+/-10%)

Roll width: 2 or 4 metre widths

Colour: Green, White, Red, Blue, Yellow

UV-stability: DIN 53387 meets 6000 hours W.O.M. test

•8 Years warranty Northern Europe

•6 Years warranty Southern Europe

Roll length standard: Target 30 linear metres

Colour fastness: Grey-scale1.5>4 according to other DIN standards

Lightfastness: Bluescale 1 -8>7 according to DIN 54004

Installation method: Loose laid or glued. 25Kg/m2 Sand for stabilisation optional

Application: Sports, general Play.

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