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				Approval Date: 11/11/2024
Quality Durability	Material Weight			Effective Date: 01/09/2024
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Departments Affected: Suppliers, 3 rd party labs, POPS			
Version	Date	Modifications	Page
01	15.02.99	New specimen size and calculation factor added	2
02	06.08.01	Procedure and specimen size for molded sockliner added	2
03	18.03.05	Procedure validity extended to midsole components Example for the calculation of the textile weight moved to the right place	2
04	20.06.05	Procedure for weight of tapes added	2
05	26.02.07	Procedure consolidated for adidas Group	All
06	23.05.12	Procedure extended to Boost Foam	2
07	03.09.2024	Harmonization FTW and A&G	All

1 Purpose

To determine the weight of materials.

2 Scope

All materials and components.

3 Roles & Responsibilities

User Group	Responsibilities	Section	Detail	Link
Suppliers/ 3 rd party labs	Test Execution and Evaluation	Entire file	Required Equipment; Sample Preparation	

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Quality Teams; Material Teams; Operation Teams	Ensure Standard is executed		and Conditioning; Test Execution; Data Collection, Evaluation and Reporting.	5 ff.

4 **Reference Documents/Terminology**

- **ISO 3801:1977:** Textiles— Determination of mass per unit length and mass per unit area

5 **Specific Procedure**

5.1 **Equipment**

- Scale, capable of weighing accurately to within 0.0001 g.

5.2 **Sample**

- **General:** 1 Test specimen size 100 mm x 100 mm
- **Finished Components:** as delivered per piece
- **Boost Foam:** test plate size 200 mm x 200 mm x 20 mm
- **Webbings, braiding, piping and tapes:** 1 Test specimen of 1 m length

5.3 **Procedure**

- Weigh the test specimen (in grams).

5.4 **Data Collection, Evaluation and Reporting**

5.4.1 General

- Multiply the gram weight of the specimen by 100, to obtain the weight in g/m² (grams per square meter).
- **Example:** If the weight of the specimen is 7.654 g, take this figure 7.65 x 100 = 765 g/m²

5.4.2 Finished Components and Boast Foams

- Weigh the complete component/test plate and take the value shown on the screen of the scale and write it into the test report.

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5.4.3 Webbings, Braidings, Pippings, Tapes

- Take the value shown on the screen of the scale and write it into the test report. Expressed in g/m.

6 **Further Information**



In all cases, the instruction manual according to the manufacturer including calibration and maintenance must be followed to ensure safety and quality.

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