

**SIMPLIFIED TEST REPORT**  
**No. 2023EP1349**

**Issued by Aitex on 18/05/2023**

AITEX declares that the article/s:

**Reference:**

Poseidon-300

**According to customer:**

Colour Navy

Fiber content and percentages: 80% Cotton,

19% Polyester, 1% Antistatic, FR-Twill 2/2

Weight 300 g/m<sup>2</sup>

Others (if any) 474

Given by the company:

XM Textiles Europe UAB  
Darius ir Gireno st. 42A Office 509  
LT-02189 Vilnius  
Lituania

Has/have been tested according to:

**ELECTRIC ARC EXPOSURE TEST: DETERMINATION OF THE ARC RATING ELIM, (ATPV OR E<sub>BT50</sub>) OF FLAME RESISTANT MATERIALS FOR CLOTHING**

**Standard:**

IEC 61482-1-1: 2019 Material test (Procedure A)

**Getting the following results:**

ARC RATING (ATPV)	9,6 cal/cm <sup>2</sup>
ELIM	8,2 cal/cm <sup>2</sup>

**Pre-treatment:**

5 washing cycles at 60°C, according to standard EN ISO 6330:2021, method 6N and type F drying.

**The test results above indicated are shown in the testing report/s:**

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Signature:

Raquel Muñoz González  
Manager Innovation Area

The test was carried out at Polígono Industrial Fuente del Jarro. C/ Ciudad de Gibraltar, 5; 46988 - Paterna (Valencia); which property is shared at 50% between research institutes AITEX and ITE

<sup>(1)</sup>The Essential test data and liability clauses are included at indicated test report number and are at the applicant's disposal.

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