

## Data Sheet

## Electrostatic Discharge Polyethylene Laminate

Data Sheet Type	Final
Material Reference	PE30204
Polymer	PE
Date Issued	05/10/25



## Description

Manufactured from a polyester, metal, polyethylene ,laminate, this material is designed to provide a static safe environment for sensitive electronic devices, that is non silver staining and safe from delamination, conforming to the technical requirements of Def Stan 81-146.

Specifications	Values	Test Methods
Burst Strength	360 Kpa	ISO 2758
Electrostatic Discharge	10 n J	BS EN 61340-5-1
Highest Recommended Working Temperature	65 °C	None
Light Transmission	40 %	ASTM D1746
Lowest Recommended Working Temperature	-20 °C	None
Puncture Resistance	53 N	Def Stan 81-75 Annex 1
Strength of Heat Sealed Joint	48 N	Def Stan 81-146 Annex A
Surface Resistance	1 X 10 <sup>11</sup> Ohm(s)	BS EN 61340-5-1
Tear Resistance	0.4 N	ISO 527-3
Tensile Strength	32 MPA	ASTM D882

## Purposes



Anti-Static



Tear Resistant



Water Resistant

## Important Notes about this Material Data Sheet

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.