

Material information

DuPont™ Tyvek® 1442-R



Description:

Tyvek® 1442-R has a water-soluble antistatic layer on both sides. Thanks to additional corona treatment, this style can be adhered and printed on better. The material allows moisture to escape, is pH-neutral and is water-repellent. Tyvek® 1442-R is extremely tear-resistant and enormously flexible. This lightly structured style has a soft surface that protects the products to be covered from damage.

Physical properties:

Dimensions	Value	Test method
Surface weight	43 g/m ²	DIN EN ISO 536
Thickness	145 my	DIN EN ISO 534
Strength		
Tensile strength	44/38 N/2.54cm (MD/XD)	DIN EN ISO 1924-2
Resistance to perforation	365 kPa	ISO 2758
Tear resistance	11.2/11 N (MD/XD)	ISO 4674-A2
Barrier		
Water column	75 cm	ISO 811
Water vapour permeability	---	---

Application:

Owing to its flexible and soft structure, Tyvek® 1442-R is used to produce protective suits. In industry, this style is used for protective hoods for robots, for example. Since Tyvek® 1442-R consists of white, reflective, light and reusable material, it is even laid out under orange trees to reflect sunlight in order to support the maturation process of the underside of the fruit.

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