



Multiplastics (Europe) Ltd.
Columbus House,
30 Manchester Road,
Northwich, Cheshire.
CW9 5ND
Tel: +44 (0) 1606 330011
Fax: +44 (0) 1606 331990
sales@multiplastics.co.uk
www.multiplastics.co.uk

BRC Packaging
Materials

BRC Global Standard for
Packaging and Packaging Materials

Certified by



UK FOOD
CERTIFICATION



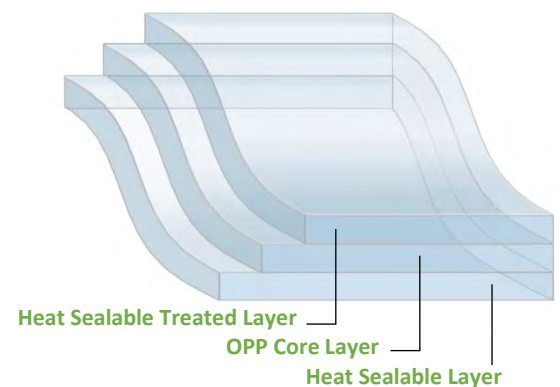
HSF5114H

Clear Heat Sealable Polypropylene Film

HSF5114H is a bi-axially orientated, gloss clear polypropylene with olefin heat sealable layer both sides, and one-side corona treated layer. A co-extruded product giving hot tack, free seal type for large size and weight packages.

Features

- Two side heat sealable
- One side corona treated
- Exceptional clarity
- High gloss and stiffness
- Excellent printability
- High seal strength
- Exceptional machinability on a variety of machines
- Contains a maximum 25% recycled production polymer
- Contains NO post-consumer recycled material
- Complies with FDA and EU regulations for direct food contact



Typical Applications

- Suitable for printing, single ply or laminate applications
- Suitable for direct food contact, food and confectionary packaging:
Horizontal & Vertical form fill and seal, Over wrap, Lap and fin seal applications

Primary Markets

Snacks • Sandwich Wraps • Morning Goods • Frozen Foods • Fruit & Vegetable
Confectionery • Box Overwrap • Spices • Pet Food • Film Bags • Print & Lamination

Gauges Available

- 15, 18, 20, 25, 30, 35, 40 and 48 micron

General Information

- Handling and Product Health and Safety details available on request
- Recommended to store in dry condition below 30 °C and above 5 °C
- Best used within 6 months of manufacture
- Any printing, folding or perforating will be carried out by a BRC certified company and approved sub-contractor
- We recommend you let the film acclimatise in the production environment for 24 hours prior to use

Typical Properties

Properties		Test	Units	20mu	25mu	30mu	35mu	40mu	48mu
Grammage			g/m ²	18.20	22.75	27.30	31.85	36.40	43.68
Yield			m ² /kg	54.95	43.96	36.63	31.40	27.48	22.89
OTR		ASTM E96	cc / m ² / day	2140	1468	1290	1150	962	741
WVTR		ASTM D1434	gr / m ² / day	6.5	5.75	5.0	4.5	4.00	3.5
Heat seal range			°C	105-140					
Tensile strength	MD	ASTM D882	kg/mm ²	15					
	CD			28					
Breaking Elongation	MD	ASTM D882	%	170					
	CD			50					
Coefficient of friction		ASTM D1894	film to film	0.25					
Surface tension		ASTM D1894	dynes / cm	38					
Gloss		ASTM D2457	% at 45°C	85					
Haze		ASTM D1003	%	2.5					

As all applications are subject to those conditions prevailing within specific applications, we recommend that a test be carried out to your satisfaction prior to full production.

The information and data contained in this document are given in good faith and supersede those given in any previous version. No liability, warranty or guarantee of final product performance is created by this document. No freedom from any patent is granted or to be inferred. This document does not constitute as a sales specification.