



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

**BRGS** Packaging  
Materials

BRC Global Standard for  
Packaging and Packaging Materials



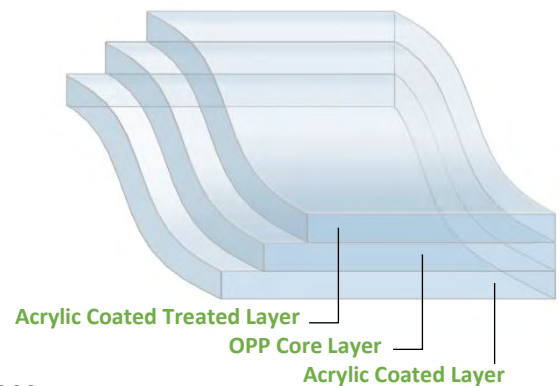
# HSF5425H

## Clear Heat Sealable Polypropylene Acrylic / Acrylic Coated Film

**HSF5425H** is a bi-axially orientated, clear polypropylene two side Acrylic coated film. A co-extruded product giving hot tack, free seal type for large size and weight packages. This product is suitable where an attractive presentation, seal and high speed packing is required.

### Features

- Exceptional flavour and aroma barrier
- Excellent sealing properties and hot tack
- Two side heat sealable
- One side corona treated
- High yield, gloss and stiffness
- Exceptional clarity
- Excellent printability
- Exceptional machinability on a wide range 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

- Where high barriers are required; Flavour and aroma resistant
- Suitable for printing, single ply or laminate applications
- Suitable for food and confectionary packaging:  
Horizontal & Vertical form fill and seal, Over wrap, Lap and fin seal applications

### Primary Markets

Snacks • Sandwich Wraps • Baked Goods • Fruit & Vegetable • Confectionery  
Box Overwrap • Cosmetics • Spices • Pet Food • Film Bags • Print & Lamination

### Gauges Available

- 20, 25, 30 and 42micron

### 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
- We recommend you let the film acclimatise in the production environment for 24 hours prior to use

## Typical Properties

Properties		Test	Units	25mu	30mu
Yield			m <sup>2</sup> /kg	44	35.5
Unit Weight			g/m <sup>2</sup>	22.7	28.2
Haze			%	1.3	1.3
Gloss		45°		85	
Tensile Strength at Break	MD	200mm / min pull rate 120mm jaw separation	mpa	160	
	TD			290	
Elongation at Break	MD	200mm / min pull rate 120mm jaw separation	%	175	
	TD			60	
Dimensional Stability	MD	135 °C 7 min	%	-6.0	
	TD			-5.5	
Elastic Modulus	MD		mpa	2000	
	TD			3800	
Seal Strength		105 °C 0.034 mpa 2 sec	g/2.5 cm	300	
Heat Seal Range			°C	50	
Coefficient of friction		m		0.25	
WVTR	38°C / 90% RH		g/m <sup>2</sup> /24hr	5.0	4.5
	23°C / 85% RH			1.1	1.0
OTR		23°C / 0% RH	cm <sup>3</sup> /m <sup>2</sup> /24hr	850	750

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.

October 2019