



BEST FOR FRESHNESS

FLOWERS

FRUIT

VEGETABLES

# PerfoTec R+ Film 701

The PerfoTec R+ Film 701 is a patented, transparent, five-layer, special PE film with ideal properties to pack leafy greens. This recyclable packaging film is suitable for vertical and horizontal packaging solutions. This film has the same machinability properties as BOPP. Due to the ideal O<sub>2</sub>, CO<sub>2</sub> and water vapor permeability properties combined with PerfoTec technology unimaginable shelf-life results can be achieved. The benefits of this recyclable packing film on the fresh produce are less produce weight loss, less dehydration, less change of mold and bacteria development and therefore a maximized shelf-life.



## Features & Benefits

**Maximized the shelf life of fresh products**

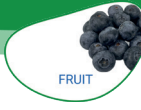
**Suitable for VFFS and HFFS**

**Balanced O<sub>2</sub> and CO<sub>2</sub> transmission level, High COTR**

**Printable**

**Produce weight loss is very low**

**Food Contact compliance approved**



## PerfoTec R+ Film 701 technical specifications

- Two sides heat sealable
- Sealable with both finseal and lapseal (inside to inside and inside to outside)
- Sealable with impulse sealing jaws, constant heating sealing jaws and ultrasonic sealing
- Sealing possible at lower temperature with high seal strength
- Rotogravure and flexo printing is possible
- Monomaterial

Property	ASTM	Deviation	20μ	25μ	30μ	35μ	40μ
Film density, g/cm <sup>3</sup>			0.937	0.937	0.937	0.937	0.937
Av. thickness deviation, %			3	3	2.5	2.5	2.5
Yield, m <sup>2</sup> /kg		± 5%	53.5	42.7	35.6	30.5	26.7
Unit weight, g/m <sup>2</sup>		± 5%	18.7	23.4	28.1	32.8	37.5
Gloss (45°)	D2457	>					
Haze	D1003	±1	2.5	2.5	2.5	2.5	2.5
C.O.F.*	D1894	± 0.05			0.3		
Elmendorf Test, MD, mN	D1938	± 10%			< 500		
Tear Test, TD, mN	D1938	± 10%			< 500		
Tensile Strength, MPa, MD	D882	± 20			80		
Tensile Strength, MPa, TD	D882	± 20			210		
Elongation at break, %, MD	D882	± 30			330		
Elongation at break, %, TD	D882	± 30			70		
Shrinkage, %, MD	Internal	± 1			3		
100°C - 5min. TD	Internal	± 1			5		
WVTR (cc/m <sup>2</sup> /24h)a	F1249				Low		
OTR					5000		
COTR					High		
Seal strength, N/25m, 100°C, 1bar 1sec **	Internal					5	
Sealing Initiation Temperature, °C	Internal					110	
Surface treatment, dynes/cm	D2578a		Min 38	Min 38	Min 38	Min 38	Min 38