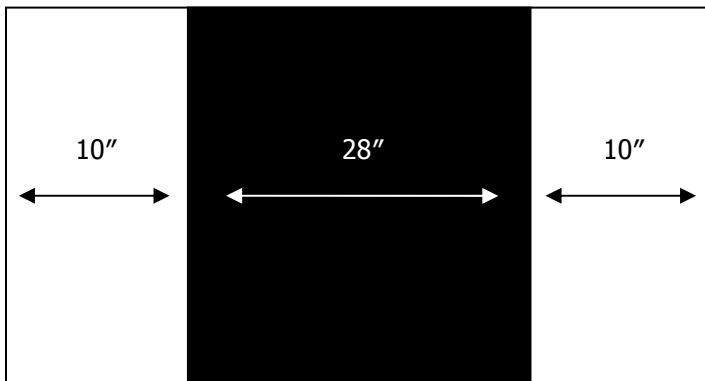




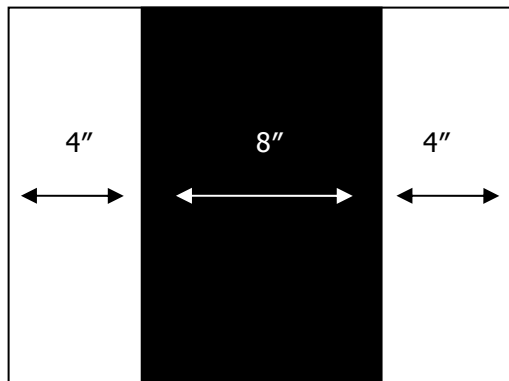
PET SHEET

January 2011

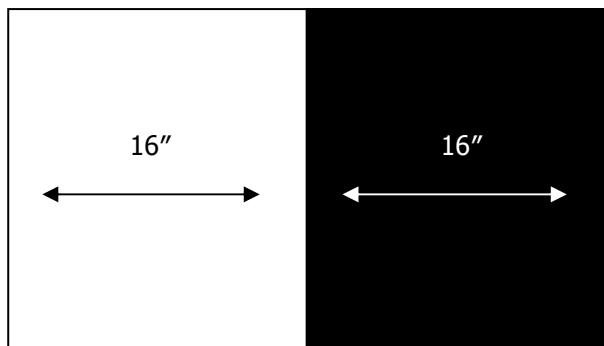
MPX 4650 Side by Side PET



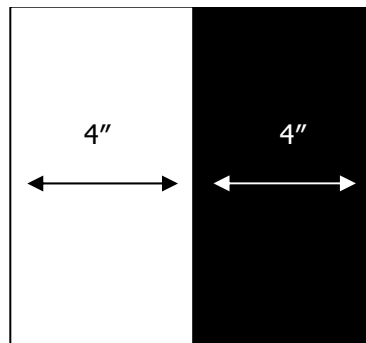
Maximum center color width and maximum total 48" width for ABA



Minimum center color width and minimum total 16" width for ABA



Maximum clear and color width and maximum total 32" width for SBA



Minimum clear and color width and minimum total 8" width for SBA

Side by Side Color Band Width Tolerance +/- 3/16" overall variance



MPX 4650 Side by Side PET

CAPABILITIES

- Gauge: .010" to .025" (254 to 635 μm)
- Width: Custom Available
- Core Size: 6" standard cores, 3" and 8" available
- Roll O.D.: 29" standard, up to 40" available
- Available in clear, colored and tinted
- Silicone coating available
- Anti-Fog available
- Medical grade material available

PROPERTIES

- Exceptional clarity and impact performance
- Good formability with great definition
- Faster forming cycles than PVC
- Excellent strength for tough POP applications
- 100% recyclable
- FDA complaint to CFR 21#177.1630
- Kosher material

TECHNICAL SPECIFICATIONS

	Value	Units	ASTM
Specific Gravity	1.33	grams/cm ²	
Shrinkage	2.0 to 5.0	%	D955
Yield	20,810	in ² /lb./mil of thickness	
Tensile Strength at Yield	8,000 to 9,000	psi	D638
Ultimate Elongation	200 to 400	%	D638
Flexural Modulus	325,000 to 370,000	psi	D790
Intrinsic Viscosity	≥ 0.74		D3835
Light Transmission	≥ 90	%	D1003
Haze	≤ 2	%	D1003
Clarity	≥ 99	%	D1003
Typical Thermoforming Temperature	250 to 310 (121 to 154)	$^{\circ}\text{F}$ $(^{\circ}\text{C})$	
Typical Range of Use	0 to 150 (-18 to 66)	$^{\circ}\text{F}$ $(^{\circ}\text{C})$	

CHEMICAL RESISTANCE

Acid Resistance	Good to Excellent
Strong Oxidizers	Good to Excellent
Alkalies	Fair to Good
Hydrocarbon Solvents	Good to Excellent
Alcohols Good to Fat, Grease, and Oil	Good to Excellent

The information herein, is to the best of our knowledge, true, and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. No warranty is made or implied.

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