

WARM FOLD HIGH IMPACT NON-THERMOFORMING RIGID PVC 700 SERIES

The 700 series is a non-thermoforming grade product designed for high impact warm fold box grade applications. The product has superb visual characteristics with very low flow lines.

The 700 series products are available in the standard colours clear, natural, and neutral. Rolls can also be ordered in translucent and opaque colours. The material can be supplied uncoated, one side coated, or two side coated as required.

Property	Units	Test Method	700 series 708
Specific Gravity	g/cm ³	ASTM D792	1.32
Tensile Strength at Yield, MD	psi	ASTM D 882	6200+
Approximate Nominal Yield	in ² /lb / mil	Calculated	20950
Elongation at Break @ 120 °C	%	ASTM D 882	
MD:			330
TD:			310
Tensile Impact	ft.lb/in ²	ASTM D 1822	300+
Izod Impact @ 23 °C (1/8") (20" / minute)	ft.lb/in notch	ASTM D 256	22+
Gardner Impact Test (Mean Failure Energy)	in.lb./mil	ASTM D 5420	4.3 ± 0.3
Cold Break Temperature		ASTM D 1790	
	°F		-40
	°C		-40
Heat Distortion Temperature		ASTM D 648	
	°F		158
	°C		70
Haze	%	ASTM D 1003	2.0
Gloss (85°)	-	ASTM D 2457	105
Elastic Modulus	psi	ASTM D 882	
MD:			300000
TD:			300000
Thickness Range			0.005" to 0.045"
Thickness Specification	%		± 5%
Standard Roll Format			20" OD Rolls on 3" cores
Slit Width Tolerance	inch		± 5/64
Maximum Roll Width	inch		72