

30 mil Clear

Flexible PVC Press Polished Sheet

Description: Optically clear press polished two-ply vinyl sheets, 30 mil (0.76mm), also available in charcoal tint.

Typical Applications: Soft windows for automotive and marine applications as well as various other applications including protective masks and exterior signage.

Typical Processes Supported: RF welding, dielectric sealing, cut & sew.

Property		Typical Results	Units	Test Method
Elongation	MD	>250	%	ASTM D412
	CD	>250		
Tensile Strength	MD	>20	MPa	ASTM D412
	CD	>20		
Tear Strength	MD	>500	ppi	ASTM D1004
	CD	>500		
Haze		<2	%	ASTM D1003
Durometer (Hardness)		90 ± 5	Shore A	ASTM D2240
Luminous Transmittance		80-90 for clear vinyl (≈15 for charcoal tint)	%	ASTM D1003
Thickness		Target ± 0.001	Inches	SAE J882
Low Temperature Flexibility		No Cracks	-23°C	SAE J323, Meth. A
Volatile Loss		<1	%	CLP4633DD-04-01
Chemical Resistance		Pass	NA	ANSI Z26.1, Test 19 & 20
Xenon Weathering		>95	% clarity retention	ANSI Z26.1, Test 16
Burn Rate		Non-Sustaining Flame	NA	ANSI Z26.1, Test 23

The above properties do not constitute a warranty or specification. Test values are based on material conditioned and tested in a controlled laboratory environment using established standards and procedures. Properties may vary based on embossed grain, color, multi-ply laminate construction and other variables.