

Barrier Material Data Sheet

FLEX-VUE™ BRONZE HEAVY DUTY PVC SC-12

Part Number: 15-001248, 16-080508, 16-120512
Color: Bronze (Gold-Green)
Weight: 72 oz./sq.yd.
Thickness: 80 mils
Roll Size: 48" wide, 40 yards long, 8" wide, 100 yards long
Base Material: PVC

	<u>Test Method</u>
Physical Properties: Tensile strength 2655 psi	ASTM D-412
100% Modulus 1281 psi	ASTM D-412
Elongation 375%	ASTM D-412
Graves Tear 393 lbs./in.	ASTM D-1004
Cold Crack -35°F	ASTM D-746
Shore A Hardness	ASTM D-2240
Fire Retardant	CFM Reg. No. F-191
	CPAI-84
Flame Resistance	UL94 V-O

Light Transmission

Characteristics: Heavy duty Bronze PVC is designed to reduce the hazards of welding arcs in areas adjacent to welding operations. The specially formulated material effectively screens out all the dangerous ultra-violet light associated with welding. It performs two important safety functions by allowing the transmission of useful visible light for personnel safety, while screening light in the harmful non-visible ultraviolet spectrum. The material is flame resistant with a UL94 V-O flame rating.

Temperature Limits:

Service range of -0° to + 150°F

Caution: Transparent welding curtains are intended for intermittent viewing. Flex-Vue Bronze welding curtains are optically safe when the observer is outside the barrier, at least ten feet from the welding, and observes for only several minutes at a time. Although Amber Yellow curtains are popular because they offer the best visibility, they are less effective at blocking high intensity blue light, and therefore should only be used for momentary viewing. Proper eye protection should always be worn when viewing for prolonged periods.