SUBZERO ENGINEERING

Material Specification Sheet
Amber/Red Weld Screen

Amber/Red Weld Screen VINYL COMPOUND

Amber is available in .040 mil, .060 mil & .080 mil., however, only the .080 mil is certified for use as a welding screen. Both the amber & red weld screen meet the required nanometer reading for weld screen material. The compounds are specifically formulated to effectively screen out dangerous ultraviolet and near ultraviolet light associated with welding. The materials are also flame resistant.



TYPICAL PROPERTIES

CHARACTERISTIC	VALUE
Specific Gravity (ASTM D792)	1.25
Durometer Hardness, 10 Sec. Delay (ASTM D2240)	83A
Tensile Strength (ASTM D412)	2800 PSI
Ultimate Elongation (ASTM D412)	330%
Graves Tear Strength (ASTM D1004)	280 PPI
100% Modulus (ASTM D412)	1450 PSI

OTHER PROPERTIES

CHARACTERISTIC	VALUE
UV Resistance	Yes
Low Temperature Brittleness (ASTM D746)	-31° F / -35° C
Operating Temperature	0° F to 150° F
Flammability (U.L. 94 V-0)	Pass
Flammability (N.F.P.A. 701)	Pass

HEALTH & SAFETY

CAUTION!

The material is not to be used for direct, close range viewing of welding arcs; approved eye protection must be worn. Welding curtain material is to be used to house a welding station so incidental viewing of the welding operation can occur.

CAUTION!

When handling any products, read the manufacturers' container labels and the Article Information Sheets (AIS) for important health, safety, and environmental information.

NOTE:

When using any equipment, always follow the manufacturer's instructions for safe operation.

IMPORTANT:

Complete test results for outgassing, anti-static and flame spread available upon request. We believe these tests to be reliable and accurate to the best of our knowledge but cannot warranty for processes and applications beyond our control.

*Typical Properties should be considered representative or typical only and should not be used for specification purposes.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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