

Technical Data Sheet:

CON-TROL-CURE® UV Filter Vinyl Strips item: F007-012 & F007-013

Light Transmission Characteristics

	(Wavelengths in Nanometers)							
	Ultra-Violet		Near UV		Visible Light			
	200	300	350	400	500	600	700	760
BRONZE								
% Transmission	0.25	0.25	0.25	15	15	15	15	15

CHEMICAL RESISTANCE

Generally resistant to inorganic acids, bases and salts. Can be affected by Ketones and Esters. Specific applications should be tested by the user for effects on this material.

CARE OF MATERIAL

Oil, grease, dirt, etc. can be removed with a non-caustic, non-alkaline emulsified detergent. The detergent should be diluted 10 to 1 with water, depending on the job it must do. This should be sprayed on or applied with a rag and then immediately wiped off. Repeat if necessary. For best results, use a professional vinyl cleaner which has been specially formulated in an aerosol container for this purpose.

TYPICAL PHYSICAL PROPERTIES

TEST	ASTM NO.	STANDARD & Welding	LOW TEMPERATURE
Shore A Hardness	D2240	80	75
Specular Transmittance (%)	D1746	83.8	80.6
		Welding see Graph on Reverse Side	
Tensile Strength (PSI)	D638	2680	2315
Ultimate Elongation (%)	D638	322	310
Tear Resistance (lbs/in)	D1004	335	302
Brittleness	D746	- 36° F	- 67° F
Operating Temperature	Maximum	160° F	140° F
	Minimum	- 10° F	- 40° F
Thermal Conductivity 'K'		0.97 BTU in. ft ³ hr, °F	0.97 BTU in. ft ³ hr, °F

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