



AC B903-CLEAR

UV- Curable Flame Retardant Tight Buffer Coating

Features

- Flame retardant: UL 94 V-0 at 10 to 100µm thick films
- Strippable from glass
- Flexible

Description

- UV-Curable Flame retardant coating

APPLICATIONS

Flame retardant coating for optical fibers
Secondary layer

TYPICAL PROPERTIES

Liquid

Viscosity (cps, 25 °C)	4,000 to 6,000
Storage (°C)	15 to 25 °C
Shelf life (20 - 25 °C)	6 months
Pot life (20 - 25 °C)	3 months

Cured film

Shrinkage (linear, %) < 0.3

Glass transition temperature (°C, DMA) 62

Shore D 70

Physical properties tested at 25°C, 50% RH (ASTM D638)

Elongation (%)	11
Modulus, psi (kgf/mm ²)	114,000(80)

Operating temperature (°C) -40 to 100 °C

UV curing conditions

Flood cure system – UV dose (J/cm²) 3 to 4

** Minimum intensity recommended for Flood lamp system: 300 WPI or 118 WPCm

SAFETY AND HANDLING

The un-cured adhesive can be cleaned from apparatus with isopropyl alcohol (IPA), methyl ethyl ketone (MEK), or commercial alcohol based cleaning solution.

Use caution in handling this material. Avoid direct skin and eye contact. Use only in well ventilated areas. Use protective clothing, **gloves and safety goggles**. Read Material Safety Data Sheet before handling.

The information presented here represents our best available information and is believed to be reliable, but it and does not constitute any guarantee or warranty. Inasmuch as Addison Clear Wave has no control over the exact manner in which others may use this information, it does not guarantee the results to be obtained. Nor does the company make any expressed or implied warranty of merchantability, or fitness for a particular purpose concerning the effects or results of such use. Purchasers are further responsible for determining the suitability of the product for its intended use and the appropriate manner of utilizing the production processes and applications so as to ensure safety, quality and effectiveness. Addison Clear Wave makes no warranties and assumes no liability in connection with the use or inability to use this product.