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Manufacturer:
Covestro

Product Name:
Covestro Bufferlite™ DU-2008 Tight Buffer Optical Fiber Coating (Matrix Coating), UV Cure (10 kg)

Manufacturer Part Number:
COV-DU-2008-10KG

► Click here for more details on the Covestro Bufferlite™ DU-2008 Tight Buffer Optical Fiber Coating (Matrix Coating), UV Cure (10 kg)

Bufferlite™ Optical Fiber Coatings



Product Data

Bufferlite™ DU-2008

Product Description

Bufferlite DU-2008 is a medium modulus matrix material used for tight buffering fiber up to 400-900 microns. DU-2008 was formulated for excellent strip and stability

Product Benefits

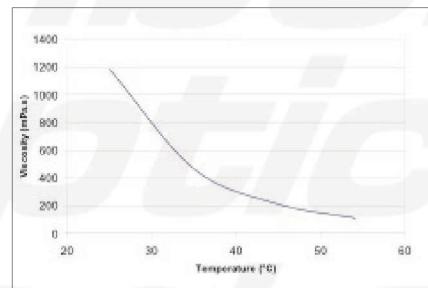
- Optically clear
- Excellent strippability
- Fast cure
- Patent-protected

Performance Characteristics

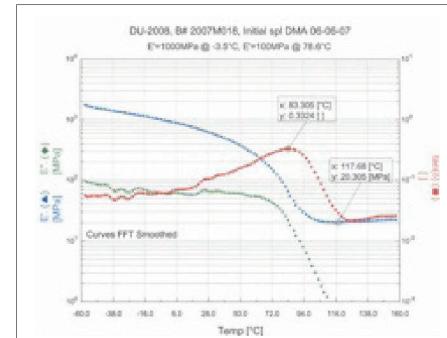
Liquid Coating	Typical Properties
Viscosity, 25°C, mPa·s	1200
Density, 23°C, kg/m3	1102

Cured Coating* (Tested at 23°C, 50% R.H.)	Typical Properties
Secant modulus, 2.5% strain, **	320
Elongation**, %	14
Tensile strength**, MPa	12

Viscosity vs. Temperature Typical DU-2008



Dynamic Mechanical Analysis DU-2008



Contact the professionals at Fiber Optic Center for a quote or to get more details.

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23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice. FOC last update 1/29/2026.



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Bufferlite™ DU-2008



Test Methods

Detailed test methods may be obtained through your Covestro sales representative.

Filtration

Bufferlite™ materials are manufactured using fine filtration techniques designed to minimize particulate matter and to ensure high strength and uniform product performance.

Storage Conditions

Bufferlite™ tight buffer materials should be stored in their original containers at temperatures between 15° and 30°C. The bottles that are used for these are UV opaque and allow for air to diffuse through the plastic which prevents premature gelation.

Shelf Life

Bufferlite™ tight buffer materials have a shelf life of 18 months from the date of manufacture, provided recommended storage conditions are properly maintained.

Safety Information

This product is formulated with multifunctional acrylates which may cause skin and eye irritation and/or skin sensitization. Safety data sheets for each product are available from your Covestro sales representative. All safety and handling recommendations should be followed carefully.

Conversions

$$\begin{aligned} N &= g \cdot f \times 9.807 \times 10^{-3} & \text{kg} \cdot \text{mm}^{-2} &= \text{MPa} \times 0.102 \\ \text{psi} &= \text{MPa} \times 145 & \text{mPa} \cdot \text{s} &= \text{cps} \end{aligned}$$

The manner in which you use our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products to determine suitability for your processing and intended uses. Your analysis must at least include testing to determine suitability from a technical, health, safety, and environmental and regulatory standpoint. Such testing has not necessarily been done by Covestro, and Covestro has not obtained any approvals or licenses for a particular use or application of the product, unless explicitly stated otherwise.

Any samples provided by Covestro are for testing purposes only and not for commercial use.

Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request.

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