



# Covestro Coatings for Optical Fibers.



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Digitalization needs are evolving rapidly, and fiber performance is key to the reliability and durability of current and next generation mobile networks moving toward 5G.

Market leader Covestro uses unique technical capabilities to identify solutions and deliver high performance fiber coatings for the world's telecommunications market.

Our innovative solutions are built on 40 years of technical experience, research and development and close partnerships that enable the sustainable success of fiber makers, cable producers and telecom partners.

|                            | COLOR | DESCRIPTION  |
|----------------------------|-------|--|
| <b>Desolite® Coating</b>   |       |  |
| <b>Desolite® DP-1800</b>   |       | Primary coating for large effective area fibers                        |
| <b>Desolite® DP-1500</b>   |       | High speed primary, low microbending, LED curing, low He               |
| <b>Desolite® DP-1032</b>   |       | Low microbending primary   |
| <b>Desolite® DP-1200</b>   |       | High speed primary, low He compatible, LED curing, medium microbending |
| <b>Desolite® DP-1078</b>   |       | High efficiency primary, low He compatible                             |
| <b>Desolite® DP-1077</b>   |       | High efficiency primary, low He compatible                             |
| <b>Desolite® DP-1077HV</b> |       | High efficiency primary, very low He compatible                        |
| <b>Desolite® DS-2500</b>   |       | High speed secondary, low microbending, LED curing, low He             |
| <b>Desolite® DS-2046</b>   |       | High efficiency LED secondary  |
| <b>Desolite® DS-2042</b>   |       | Standard secondary   |
| <b>Desolite® DS-2088</b>   |       | High efficiency secondary  |
| <b>Desolite® DF-0009</b>   |       | Mid temp (150c/200c) single coat                                       |
| <b>Desolite® DF-0016</b>   |       | Low refractive index coating   |
| <b>Desolite® 950-200</b>   |       | Splicing compound  |

|                                   | COLOR  | DESCRIPTION   |
|-----------------------------------|--|---|
| <b>Cablelite® Matrix Material</b> |  |   |
| <b>Cablelite® 850-941</b>         | Pink, Yellow                                 | Soft, high elongation matrix material with fast cure speed          |
| <b>Cablelite® 850-975</b>         | Pink, Turquoise, Yellow, Blue, Green, Orange | Hard, fast curing matrix material for use in ribbon and blown fiber |
| <b>Cablelite® 950-706</b>         | Clear  | Extremely fast-curing matrix for use in ribbon                      |
| <b>Cablelite® 950-708</b>         | Clear  | Very fast curing matrix for use in tight bundled fibers and ribbon  |
| <b>Cablelite® 9D9-518</b>         | Clear, Orange, Green, Blue, Red              | Medium modulus matrix material for splittable ribbon                |
| <b>Cablelite® DM-0009</b>         | Yellow                                       | Fast-curing matrix for blown fiber applications                     |
| <b>Cablelite® 3287-9-75</b>       |  | Hard, fast-curing matrix for ribbon and blown fiber applications    |
| <b>Cablelite® 3287-9-85</b>       |  | Medium modulus matrix for use in splittable ribbon applications     |
| <b>Cablelite® 850-001</b>         |  | Matrix for use in upjacketing and tight buffer applications         |
| <b>Cablelite® 3287-9-41</b>       |  | Soft, high elongation matrix used for upjacketing applications      |

## Cablelite® Inks

|                       |  |  |
|-----------------------|--|--|
| <b>Cablelite® 751</b> | Clear, Orange, Slate, White, Red, Black, Yellow, Rose, Aqua, Lime, Tan, Olive, Magenta, Blue, Green, Violet, Brown, Dark Green, Dark Violet, Cadet, Turmeric | Premium microwave curable high efficiency inks |
| <b>Cablelite 781</b>  | Clear, Orange, Slate, White, Red, Black, Yellow, Rose, Aqua, Lime, Tan, Olive, Magenta, Blue, Green, Violet, Brown   | Premium LED curable eco-friendly inks          |

## Bufferlite® Matrix Material

|                            |  |                                      |
|----------------------------|--|--------------------------------------|
| <b>Bufferlite® DU-1002</b> |  | Soft inner layer tight buffer matrix |
| <b>Bufferlite® DU-2002</b> |  | Outer layer tight buffer matrix      |
| <b>Bufferlite® DU-2008</b> |  | Medium modulus tight buffer matrix   |



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<sup>1</sup>Please see the "Guidance on Use of Covestro Products in a Medical Application" document.  
Edition: September 2021 · Printed in Germany