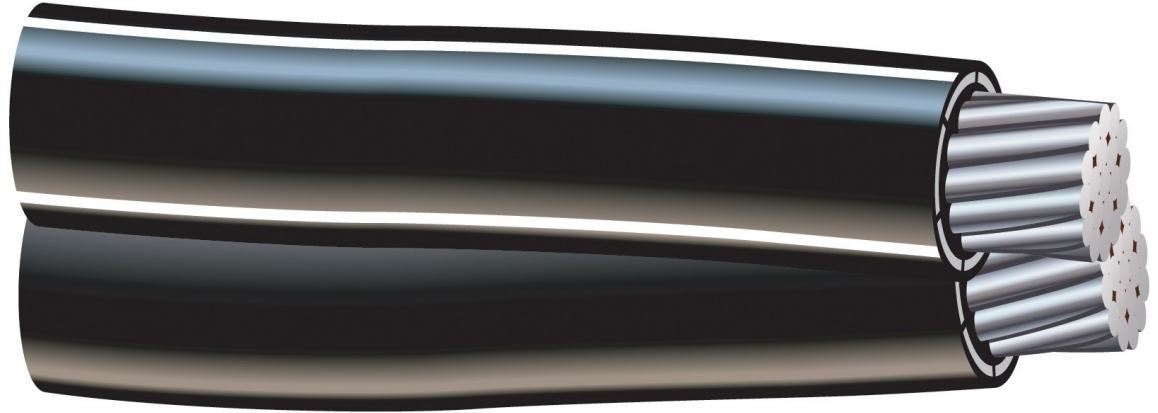


Duplex 600V Secondary UD SureSeal

Unique Cable Design with an Encapsulated Flowable Visco-Elastic Sealant.
Sealant Provides Extended Cable Life After Minor Mechanical Cable Damage.
Sealant also Provides Extended Cable Life when Pinholes are Caused by Voltage Surges.



APPLICATIONS

Used for secondary distribution, street light applications, and underground service at 600 volts or less, either directly burial or in ducts. Provides the best self sealing cable design and materials for installations that are problematic due to potential installation damage, adjacent utility work damage, homeowner damage, or damage caused by voltage surges.

SPECIFICATIONS

SureSeal[®] duplex 600 volt secondary UD cable meets or exceeds the following applicable specifications:

- B-609 Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes.
- B-231 Aluminum 1350 Conductors, Concentric-Lay-Stranded.
- B-786 19-Wire Combination Unilay-Stranded Aluminum 1350 Conductors for Subsequent Insulation.
- B-901 Compressed Round Stranded Aluminum Conductors Using Single Input Wire.

SureSeal[®] duplex 600 volt secondary UD cable meets or exceeds all applicable requirements of UL standard 854 for Type USE-2.

CONSTRUCTION

Conductors are stranded, compressed 1350-H16/H26 aluminum, insulated with bonded inner and outer layers of ruggedized cross-linked polyethylene. A visco-elastic sealant is strategically placed in the channels between the inner and outer layer. This cable design allows for cleaner stripping, more uniform sealant disbursement in the cable, and the same or better shrinkback performance when compared with standard Hi-Score cable. Available in sizes AWG 8 through AWG 2 with 80 mils total insulation thickness. The neutral contains three yellow extruded stripes and sequential footage markers. Conductors are durably surface printed for identification. 8000 series aluminum conductor available upon request.

This product is made under one or more of the following U.S. Patent Numbers: 6,914,193, 6,573,456, 6,359,231, and 6,184,473.



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SureSeal Duplex 600V

Phase Conductor			Neutral			Diameter (mils)		Weight Per 1000 feet (lbs.)	Allowable Ampacities+	
Size (AWG)	Strand-ing	Insul. Thick. (mils)	Size (AWG)	Strand-ing	Insul. Thick. (mils)	Single Phase Cond.	Complete Cable		Direct Burial	In Ducts
DUPLEX WITH YELLOW EXTRUDED STRIPE NEUTRAL										
8	7	80	8	7	80	302	604	90	70	55
6	7	80	6	7	80	338	676	105	95	70
4	7	80	4	7	80	385	770	146	125	90
2	7	80	2	7	80	443	886	207	165	120

+Ampacity: 90°C conductor temperature, 20°C ambient temperature, RHO factor 90, 100% load factor. For NEC Applications, use NEC Table 310.16 Ampacities.