



Paige[®]

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agwire spec
sureseal[®]

P7328D-Sureseal-AG

**SURESEAL QUADRUPLIX 600V
SECONDARY URD
INSULATION: CROSS-LINKED POLYETHYLENE
WITH SURESEAL[®] VISCO-ELASTIC SEALANT
CONDUCTORS: ALUMINUM**



APPLICATION:

Used for secondary distribution and underground service at 600 volts or less, either direct burial or in ducts, in areas with rough soil types where damage can occur during installation and areas where self-healing cable is beneficial. Provides the best self sealing cable design and materials for installations that are problematic due to lightning strikes, gophers, shovels or any installation damage.

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 cable. Available in sizes AWG 4 through AWG 4/0 with 80 mils total insulation thickness. Also available in sizes 250 kamil through 500 kamil with 80 mils insulation thickness per ICEA and UL. The neutral conductor contains three yellow extruded stripes and sequential footage markers. A quadruplex construction consist of three phase conductors and one neutral. Conductors are durably surface printed for identification

SPECIFICATIONS:

Paige SureSeal[®] quadruplex 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.

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

CODE WORD	PHASE CONDUCTOR			NEUTRAL			DIAMETER (mils)		WEIGHT PER 1000 FOOT (lbs.)	ALLOWABLE AMPACITANCE	
	Size (AWG)	Stranding	Insulation Thick (mils)	Size (AWG)	Stranding	Insulation Thick (mils)	Single Phase Conductor	Complete Cable		Direct Burial	In Ducts
QUADRUPLIX WITH YELLOW EXTRUDED STRIPE NEUTRAL											
Tulsa	4	7	80	4	7	80	385	929	291	120	85
Dyke	2	7	80	4	7	80	443	1069	383	155	115
Notre Dame	1/0	9	80	2	9	80	512	1236	544	200	150
Syracuse	2/0	11	80	1	9	80	555	1340	643	225	170
Wake Forest	4/0	18	80	2/0	11	80	658	1588	952	290	225
Slipperyrock	350	37	80	4/0	18	80	801	1934	1490	385	305
Wofford	500	37	80	350	37	80	950	2293	2112	465	370

*Ampacity: 90°C conductor temperature, 20°C ambient temperature, RHO factor 90, 100% load factor for four conductor quadruplex, 3 phase operation. For NEC Applications, use NEC Table 310.16 Ampacities.

SureSeal technology is a patented Southwire development



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The Cream of the **agwire** Crop



SureSeal[®] visco-elastic sealant

It **self seals** against pin holes and cuts blocking moisture from entering the cable.

It **saves time and money** previously spent locating faults, digging up failed cable, ordering and installing replacement cable.

It **prevents** corrosion and maintains electrical reliability.

It **protects** against rodents, shovels, rocks and installation damage.

It **protects** against lightning.

It **installs** exactly the same way as conventional direct burial cables.

It's **sealant** never hardens or drips.



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**YOUR INSURANCE POLICY
FOR UNDERGROUND AGRICULTURAL WIRE.**

For more information, contact:

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SureSeal[®] is a patented development of Southwire Company



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