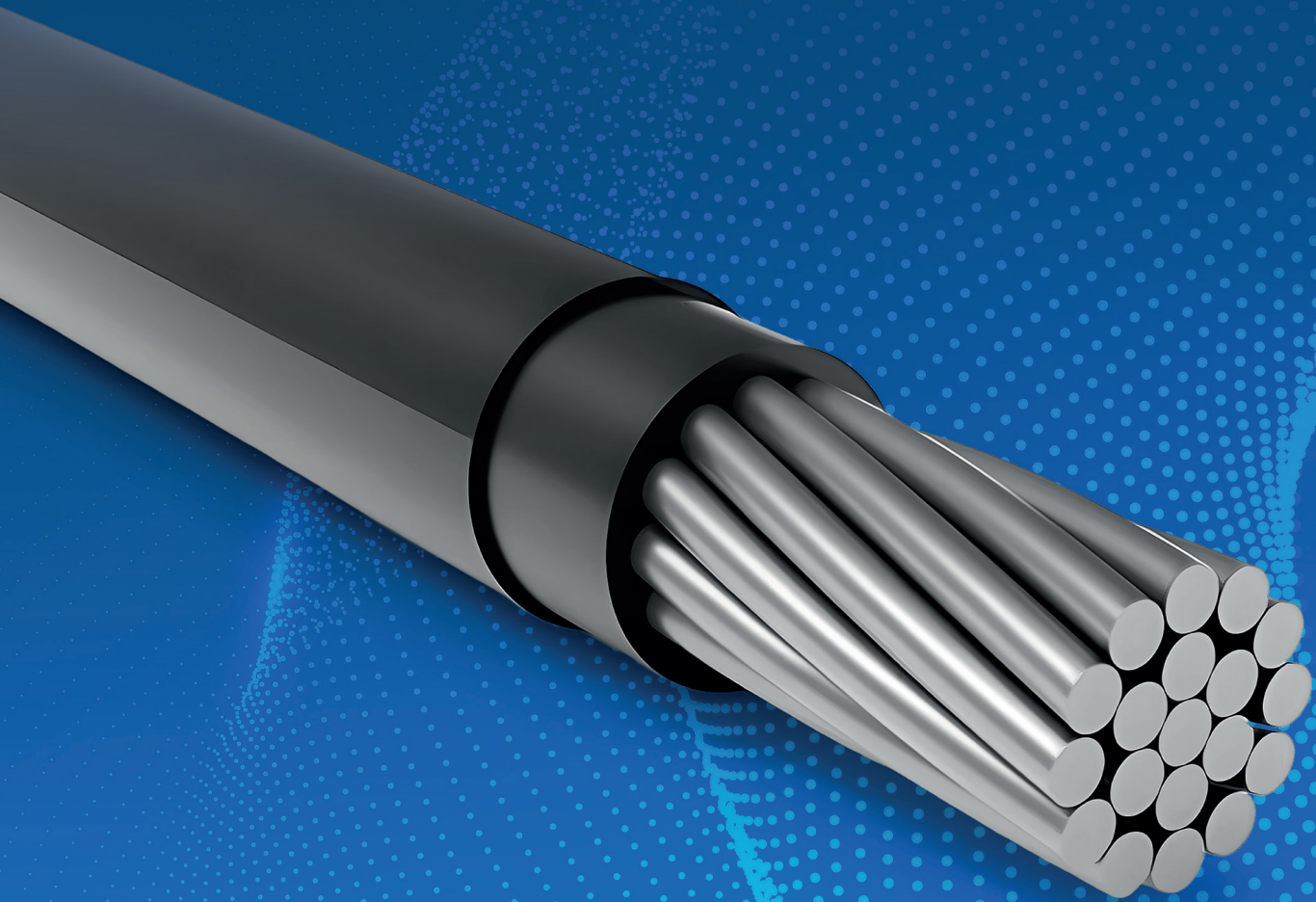




GLOBAL
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GLOBAL **S8000** **CABLE**

GLOBAL S8000 CABLE

XLP TYPE XHHW-2, 90°C 600V CONDUCTOR ALUMINUM ALLOY AA 8000.



GLOBAL S8000 CABLE

Description:

- 1) Compact AA 8000 series aluminum alloy conductor with Class B stranding.
- 2) XHHW-2 type cross-linked polyethylene (XLPE) insulation, 90°C, 600 V.

Notes:

- For constructions other than those indicated, please consult our technical department.
- These data are approximate and subject to manufacturing tolerances.
- The image is for illustrative purposes only.

Applications:

Low-voltage feeder and branch circuits in public buildings, schools, hotels, hospitals, auditoriums, stadiums, poultry farms, etc. Used in industrial and commercial installations, installed in ducts, conduit, or continuous cable tray supports, both indoors and outdoors. Restrictions apply to installations near coastlines due to the presence of saltwater (a poor connection can cause conductor corrosion).

Construction features and dimensions

SAP CODE	CALIBER (AWG)	CROSS-SECTION AREA (MM ²)	DRIVER'S DIAMETER (MM)	NUMBER OF WIRES (#)	INSULATION THICKNESS (MM)	EXTERNAL DIAMETER (MM)	CABLE WEIGHT (KG/KM)
5553	6	13.30	4.2	7	1.14	6.7	58.59
5554	4	21.25	5.3	7	1.14	7.8	84.78
5555	2	33.62	6.7	7	1.14	9.2	124.44
5556	1/0	53.48	8.4	19	1.40	11.4	196.33
5557	2/0	67.43	9.4	19	1.40	12.5	239.86
5558	3/0	85.01	10.5	19	1.40	13.6	294.06
5559	4/0	107.20	11.9	19	1.40	14.8	361.58
5560	250	126.70	13.1	37	1.65	16.6	436.88
5561	300	152.00	14.3	37	1.65	17.9	513.43
5562	350	177.30	15.4	37	1.65	19.1	588.84
5563	400	202.70	16.5	37	1.65	20.1	667.01
5564	500	253.40	18.5	37	1.65	22.1	816.67
5565	750	380.00	22.8	61	2.03	27.4	1.231.32
5566	1000	506.70	26.6	61	2.03	31.2	1.645.59

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Certification:

Quality System Certified by:



- ISO 9001: 2015
- ISO 14001: 2015

SPECIFICATIONS:

UL - 44

APPROVAL:

UL E 88510

Installation Type:

- Overhead
- Auxiliary Cable Trays
- Directly Buried
- Underground Ducts
- Metal Tray Support
- Trench
- Conduit

Ordering Specifications:

Global S8000 cable with XLPE insulation, type XHHW-2, with AA8000 series compact aluminum alloy conductor, gauge or cross-sectional area in mm².

Operating Temperature:

Normal 90°C
Overload 130°C
Short Circuit 250°C

Maximum Operating Voltage:

600 volts

Properties:

- Low emission of corrosive gases.
- Low emission of toxic gases.
- Low emission of dense smoke.
- Low emission of dark smoke.
- Lightweight.
- Good resistance to low temperatures.
- Good heat resistance.
- Good mechanical strength.
- Excellent resistance to chemical agents.
- Excellent resistance to alkalis.
- Excellent resistance to grease.
- Excellent resistance to atmospheric pollution.
- Excellent corrosion resistance.
- Excellent resistance to gasoline.
- Excellent resistance to humidity.
- Excellent weather resistance.
- Excellent resistance to flame spread.
- Excellent resistance to flame spread in vertical trays.
- Excellent resistance to fire spread.
- Excellent resistance to hydrocarbons.
- Excellent resistance to sunlight.
- Easy to install.
- Free of hazardous substances (RoHS).
- Very slippery.