

# HIGH VOLTAGE WIRE

## TEFLON\* "CR"



**CONSTRUCTION:** A silver-plated copper conductor insulated with overlapping tapes of Teflon, type CR, and sintered into a homogeneous insulation. Refer to "Materials" section of this catalog for properties of Teflon, type CR.

**CONDUCTORS:** Silver-plated copper conductors are standard. Other conductor materials are also available.

**COLOR CODING:** Solid colors are standard. Striping is available at slight additional cost.

**VOLTAGE RATING††:** Voltage rating is a function of conductor size and insulation wall thickness. To find the smallest overall construction for the indicated voltage rating, refer to the line marked with an "S".

\*Du Pont Trademark

†† 60 Hz., Atmospheric Pressure. Derate by one third at 80,000 feet.

### VOLTAGE RATINGS: 4,000 AC, 9,000 DC

GORE CATALOG NUMBER	AWG (Stranding)	CONDUCTOR DIAMETER	INSULATION WALL THICKNESS	MINIMUM DIAMETER
F01A010	20 ( 7/28)	.038"	.020"	.078"
F01A020	20 (19/32)	.040"	.020"	.080"
F01A030	22 ( 7/30)	.030"	.020"	.070"
F01A040	22 (19/34)	.032"	.020"	.072"
F01A050	24 ( 7/32)	.024"	.020"	.064"
F01A060	24 (19/36)	.025"	.020"	.065"
F01A070	26 ( 7/34)	.019"	.020"	S .059"
F01A080	26 (19/38)	.020"	.020"	.060"



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