



SAE J1128

TWP

Thin Wall Primary Wire

*Application: Low-voltage automotive wiring.

TXL

Thin Wall Cross-linked PVC Insulated Wire

*Application: Automotive wiring harnesses in tight spaces.



Rated temperature

80°C / 125°C



Insulation

PVC / XLPVC

TWP

80°C

PVC

TXL

125°C

XLPVC



Wire size (mm ²)	AWG	Conductor (No./mm)	Insulation thk.(mm)		OD.(Max.) (mm)
截面積	線規	線規/線徑	絕緣厚度(mm)		完成外徑(mm)
0.35	22	7/0.254	0.40	0.28	1.70
0.5	20	20/0.18	0.40	0.28	1.90
0.8	18	16/0.254	0.40	0.28	2.20
1	16	19/0.29	0.40	0.28	2.40
2	14	19/0.361	0.40	0.28	2.70
3	12	19/0.45	0.46	0.32	3.30
5	10	19/0.57	0.50	0.35	4.00
8	8	50/0.45	0.55	0.39	4.90



GPT

General Purpose Thermoplastic Wire

*Application: General automotive electrical systems.

GXL

General Cross-linked PVC Insulated Wire

*Application: Engine compartments, heavy-duty vehicles.



Rated temperature

80°C / 125°C



Insulation

PVC / XLPVC

GPT

80°C

PVC

GXL

125°C

XLPVC



Wire size (mm ²)	AWG	Conductor (No./mm)	Insulation thk.(mm)		OD.(Max.) (mm)
截面積	線規	線規/線徑	絕緣厚度(mm)		完成外徑(mm)
0.35	22	7/0.254	-	-	-
0.5	20	20/0.18	0.58	0.41	2.40
0.8	18	16/0.254	0.58	0.41	2.50
1	16	19/0.29	0.58	0.41	2.90
2	14	19/0.361	0.58	0.41	3.20
3	12	19/0.45	0.66	0.46	3.80
5	10	19/0.57	0.79	0.55	4.70
8	8	50/0.45	0.94	0.66	6.00


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