



300V mPPE-PE Wire

UL 11459
Product Description

⚡ Rated voltage
300V

🌡️ Rated temperature
80°C

🔥 Fire Performances
Horizontal flame

🔗 AWG
44AWG-10AWG

📦 ²⁹CU Conductor
Solid / Stranded

🌀 Insulation
mPPE-PE

🕒 Bend Radius
5X

Marking Example:
E209277 cUL AWM STYLE 11459 80°C 300V FT2 □□AWG
3A AWM 1A 80°C 300V □□AWG FT2 3A LF



mPPE-PE Insulation (mPPE-PE 絕緣) Conductor(導體)



Conductor			Insulation	
AWG 線規	Stranded (No./mm) 線規/線徑	Diameter (mm) 絞合外徑	Insulation Thickness (mm) 絕緣厚度(mm)	OVERALL DIAMETER 完成外徑(mm)
10	105/0.254	3.01	0.26	3.53±0.1
12	65/0.254	2.37	0.26	2.89±0.1
14	41/0.254	1.88	0.26	2.40±0.1
16	26/0.254	1.50	0.26	2.02±0.1
18	34/0.18	1.21	0.26	1.74±0.1
20	21/0.18	0.95	0.26	1.48±0.1
22	17/0.16	0.76	0.26	1.30±0.1
24	11/0.16	0.62	0.26	1.14±0.1
26	7/0.16	0.49	0.26	1.02±0.1
28	7/0.127	0.39	0.26	0.91±0.1
30	7/0.10	0.31	0.26	0.83±0.1
32	7/0.08	0.24	0.26	0.77±0.1
34	7/0.06	0.18	0.26	0.71±0.1

AWM UL 758

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