No. ; SP01-23-90063
Date ; Jul. 9, 2001

SPECIFICATION

FOR

UL RECOGNIZED PVdF INSULATED WIRES

P/N ; UL1327
UL1422
UL1426

Quantity

Your Ref. No.

Our Ref. No.

Signed by H. Kimura

Hajime Kimura

Manager

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Issue and revision record

Rev. No.	Issue date	Item	Prepared by	Reviewed by	Approved by
-	Jul. 9, 2001	Initial issue	K.Koshikawa	M.Matsumoto	H.Kimura

1. Scope

This specification covers UL recognized Polyvinylidene fluoride (PVdF) insulated wires for internal wiring of appliances which are in accordance with UL Subject 758.
[UL Style 1327, 1422, 1426 / 105℃ Voltage not specified]

2. Construction and materials

The construction of wires shall be in accordance with the below and Table 1

Conductor	tinned annealed copper wire	
Insulation (PVdF)	UL1327	min. ave. thick. : 0.25mm (19mils) min. thick. at any point : 0.20mm (8mils)
	UL1422	min. ave. thick. : 0.13mm (5mils) min. thick. at any point : 0.10mm (4mils)
	UL1426	min. ave. thick. : 0.15mm (6mils) min. thick. at any point : 0.13mm (5mils)
Color	Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black	

3. Marking

No marking

4. Packing

4.1 Packing

(1) Unit length ; shown in the Table 1
(2) Packing style ; shown in the Table 1

4.2 Marking on the tag attached to coil

Each coils shall be tagged to show the following information with UL stamp.

(1) UL Style
(2) Conductor size
(3) No. of conductor
(4) Color
(5) Lot No.
(6) Length
(7) Use
(8) File No.
(9) Rating temperature
(10) Rating voltage
(11) Date of manufacture
(12) Insulation thickness
(13) Name of manufacture

Table 1

	Conductor			Insulation		Max. conductor resistance	※)Min. Insulation resistance	※) Dielectronic strength	Unit length	Packing
	AWG size	Construction (No./mm)	Diameter (mm)	Thickness (mm)	Diameter (Max.) (mm)	at 20℃ (Ω/km)	at 20℃ (MΩ-km)		(m)	
UL1327	30	7/0.102	0.30	0.28	0.86(0.95)	354	30	withstand A.C.1500V for 1min.	610	coil
	28	7/0.127	0.38	0.28	0.94(1.03)	223	30		610	coil
	26	7/0.16	0.48	0.28	1.04(1.14)	139	30		610	coil
	24	7/0.203	0.60	0.28	1.16(1.28)	85.9	30		610	coil
	22	7/0.26	0.78	0.28	1.34(1.47)	54.7	30		610	coil
	20	7/0.32	0.96	0.28	1.52(1.67)	34.1	30		610	coil
UL1422	30	7/0.102	0.30	0.14	0.58(0.64)	354	30	withstand A.C.1000V for 1min.	610	coil
	28	7/0.127	0.38	0.14	0.66(0.72)	223	30		610	coil
	26	7/0.16	0.48	0.14	0.76(0.83)	139	30		610	coil
	24	7/0.203	0.60	0.14	0.88(0.97)	85.9	30		610	coil
	22	7/0.26	0.78	0.14	1.06(1.16)	54.7	30		610	coil
	20	7/0.32	0.96	0.14	1.24(1.36)	34.1	30		610	coil
UL1426	30	7/0.102	0.30	0.17	0.64(0.71)	354	30	withstand A.C.1000V for 1min.	610	coil
	28	7/0.127	0.38	0.17	0.72(0.79)	223	30		610	coil
	26	7/0.16	0.48	0.17	0.82(0.90)	139	30		610	coil
	24	7/0.203	0.60	0.17	0.94(1.04)	85.9	30		610	coil
	22	7/0.26	0.78	0.17	1.12(1.23)	54.7	30		610	coil
	20	7/0.32	0.96	0.17	1.30(1.43)	34.1	30		610	coil

※) The spark test may be substituted in a production line.