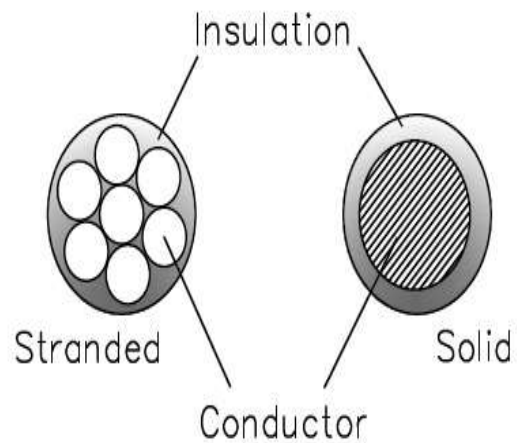
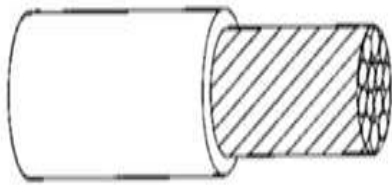




BHAGYADEEP CABLES PVT. LTD

UL 1007 DATA SHEET



Product Description:-

PVC Insulation

Stranded and Solid Conductor

Applications:-

Internal Wiring of Electrical and Electronic Equipment.

Specifications:-

- Conductor:- Bare Copper or Tinned Copper
- Insulation:- Polyvinyl Chloride (PVC)
- Standards:- UL Recognized AWM Style 1007 as per UL 758. Pass VW-1 Vertical Test. CSA AWM I A/B, TR-64. All sizes pass FT-1 Flame Test.
- Temperature:- -10°C to 80°C
- Voltage:- 300 V
- Elongation: 200 – 220 %

UL 1007

STYLES	AWG	NO. OF STRANDS	STRAND DIA (MM)	NOMINAL INSULATION THICKNESS (MM)	OVERALL OD	BARE / TINNED COPPER (ABC/ATC)	TEMP. RATING		INSULATION MATERIAL	Max. CONDUCTOR RESISTANCE AT 20* C
							MIN	MAX		
UL 1007	30	7	0.102	0.41	1.13	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	354
UL 1007	28	7	0.127	0.41	1.2	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	223
UL 1007	26	7	0.16	0.41	1.3	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	139
UL 1007	24	11	0.16	0.41	1.45	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	88.7
UL 1007	22	17	0.16	0.41	1.58	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	57.4
UL 1007	20	10	0.254	0.41	1.76	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	37.1
UL 1007	18	17	0.254	0.41	2.05	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	23.7
UL 1007	16	27	0.254	0.41	2.35	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	14.2
UL 1007	14	41	0.254	0.55	3.05	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	9.63
UL 1007	12	65	0.254	0.55	3.55	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	6.06
UL 1007	10	104	0.254	0.55	4.20	ABC/ATC	-10°C	80°C	Polyvinyl Chloride (PVC)	3.8