

TF-HIGH-SOFT VCTF LF

Polyvinyl chloride insulated
high-flexible cords

Heat resistance★

Oil resistance★

Noise resistance★

Flame resistance★★★★

Flexibility★★★★★

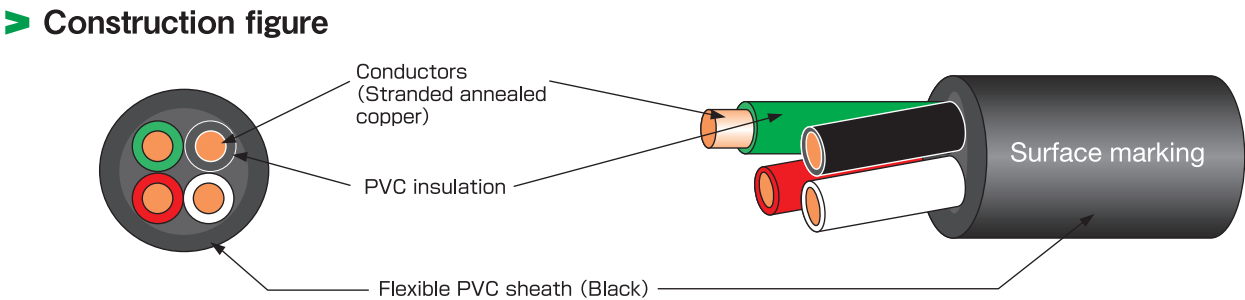
non-migratory★

Transport property★★

※The characteristic is an aim.

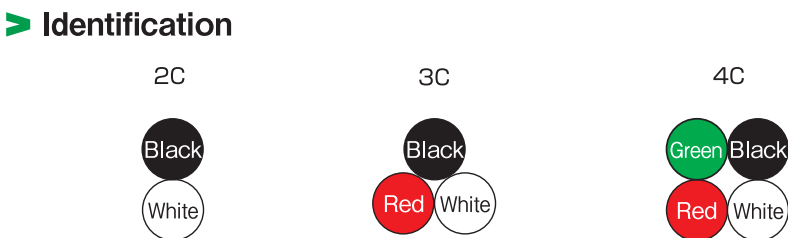
- Application
- Polyvinyl chloride insulated soft and flexible cords
 - Rated voltage:300V.Temp:60℃

- Feature
- 60℃ lead free PVC for insulation
 - Flexible, shine, PVC for sheath.



- Surface marking
- (1)0.5mm² cables
- mm² TFハイツフト VCTF ** TEIKOKU 製造年 LFV R15
- (2)0.75~2mm² cables
- mm² TFハイツフト VCTF ㊦㊧㊨ 認証番号 <PS>E JCT ** TEIKOKU 製造年 S LFV R15

LFV	Abbreviated name: Lead Free Vinyl
<PS>E	Indication that was passed to Electrical Appliance and Material Safety Act in Japan (The mark is indicated for conductor size is 1.75 mm and over)
㊦	Coverage of JIS standard (0.75 ~ 2 mm ² 2 ~ 4 cores)
㊧	Name of the registered conformity assessment body



Certification	Electrical Appliance and Material Safety
Applicable standard	LawDepartmental order to determine a technical standard of the electrical equipment JIS C 3312
Official symbol	VCTF
Voltage rating	300V
Temperature rating	60℃
Conductor	JIS C 3102
Flame rating	JIS C 3005-4.26.2-b)

➤➤➤ Meeting standard

JIS C 3306 conformance

PS
E

RoHS

➤ Construction table

No. of cores	Conductor		Heat resistant flexible-PVC insulation		Oil, heat resistant flexible sheath		Approx. weight (lbs/1000ft) (kg/km)	Electrical Characteristics			Allowable ampacity (A)
	Size (mm ²)	Construction (Line/mm)	Outside diameter (mm)	Outside diameter (inch)	Overall diameter approx. (inch)	Overall diameter approx. (mm)		Conductor resistance (Ω /km20℃)	Insulation resistance (MΩ km20℃)	Electrical strength (V/1 min.)	
2C	0.5	20/0.18	0.9	0.075	1.9	0.228	30(44)	37.8			5
3C		(20/7.1mil)	(35mil)			0.240	35(52)				
4C						0.260	42(62)				
2C	0.75	30/0.18	1.1	0.091	2.3	0.260	40(59)	25.1	5	under water AC2000	7
3C		(30/7.1mil)	(43mil)			0.276	48(71)				
4C						0.299	56(83)				
2C	1.25	50/0.18	1.5	0.106	2.7	0.291	53(79)	15.1			12
3C		(50/7.1mil)	(59mil)			0.307	64(95)				
4C						0.335	74(110)				
2C	2	37/0.26	1.8	0.118	3.0	0.315	67(100)	9.79			17
3C		(37/10.2mil)	(71mil)			0.335	81(120)				
4C						0.362	97(145)				

※Standard sales length:100m

※ 0.5~2mm² are standard stock product. The other size are product to produce after having accepted an order.

- Allowable ampacity
- The allowable ampacity of this catalog is a value at one in the air construction and the ambient temperature 30℃.
 - Allowable ampacity is calculated based on JCS0168.
 - Please multiply the following correction coefficient by the ambient temperature.

●Adjustment factors(at ambient temperature)

Ambient temperature(℃)	30	35	40	45	50
Adjustment factors	1.00	0.91	0.82	0.71	0.58