

TLPUR 450/750V 4mm<sup>2</sup> SHANGHAI HANKE WIRE CO., LTD.

应用范围

适用于机械和设备制造,运输和传输技术,无强应力或强制引导的自由连续往复运动下的频繁弯曲场合。

APPLICATIONS

For machinery and equipment manufacturing, transportation and transmission application where the cable will do continuous reciprocating motion and free frequent bending motion without strong stress or strong guiding force.

电线结构

多股超细精裸束绞铜丝或镀锡铜丝导体;  
特殊PUR绝缘,弯曲寿命500万次以上。

WIRE MAKE-UP

Multi-stranded fine bare copper/tincopper conductor;  
special PVC insulation with bending life of more than 5000000 times.

技术参数

- ☒ 温度范围: -40℃ ~ +80℃(固定), -25℃ ~ +80℃(移动)
- ☒ 额定电压: U<sub>0</sub>/U 450/750V
- ☒ 符合标准: 企标
- ☒ 导体标准: VDE 0295/IEC 60228 6类
- ☒ 弯曲半径: 大于6 × 电线外径(固定安装)  
大于10 × 电线外径(移动安装)

TECHNICAL DATA

- ☒ Operating Temp.:  
-40℃ ~ +80℃ for fixed wiring  
-25℃ ~ +80℃ for movable wiring
- ☒ Rated Voltage: U<sub>0</sub>/U 450/750V
- ☒ Governing Standards: Enterprise Std.
- ☒ Conductor Standards: Category 6 in VDE 0295/IEC 60228
- ☒ Bending Radius:  
more than 6 × wire O.D. (fixed wiring)  
more than 10 × wire O.D. (movable wiring)

导体截面 Cross Section mm <sup>2</sup>	导体结构 根数/单根直径 Conductor Structure Cond. No./O.D	标称外径 Nominal O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ ( Ω/Km )	环境温度 30℃架空时 参考载流量(A) Ambient (aerial cable) Ampacity@30℃
4	224/0.15	4.6	51.0	4.95	40
6	192/0.20	5.0	70.0	3.30	51
10	320/0.20	6.5	121	1.91	74
16	512/0.20	7.7	174	1.21	100
25	800/0.20	9.6	267	0.780	135
35	1120.0.20	11.1	375	0.554	165
50	705/0.30	12.8	521	0.386	215
70	990/0.30	14.7	722	0.272	260
95	1340/0.30	17.2	957	0.206	340
120	1690/0.30	18.9	1204	0.161	365

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)