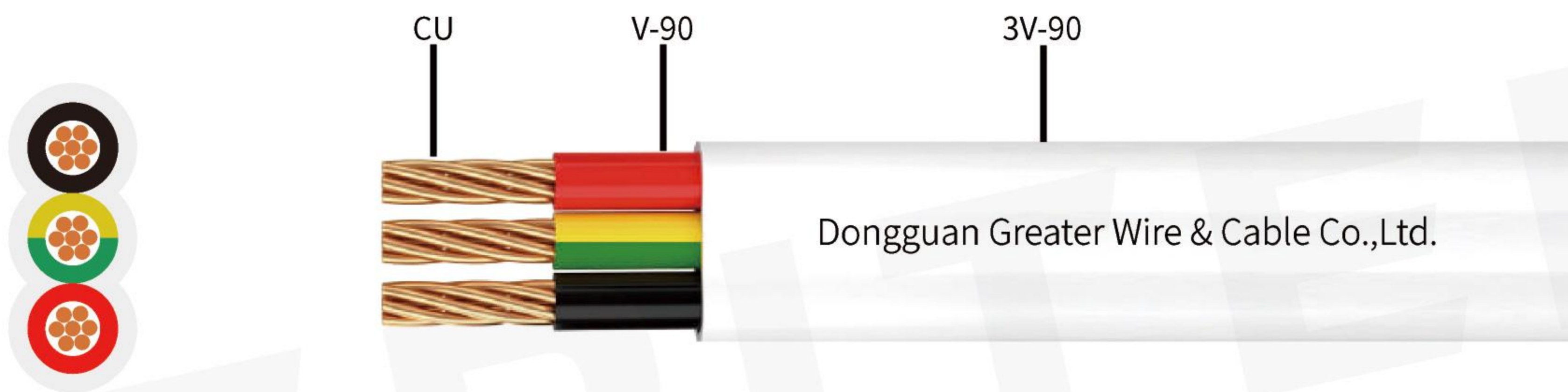


TPS FLAT CABLE 450/750V



APPLICATION

For general wiring, unenclosed, enclosed in conduit, for domestic, commercial and industrial installations where not subject to mechanical damage.

APPROVALS

AS/NZS 5000.2

TEMPERATURE RANGE

Normal operating temperature: +90°C

Minimum operating temperature: 0°C

CABLE DESIGN

Conductor: Plain annealed copper conductor to AS/NZS 1125

Can also be operated at temperatures up to 90°C when not exposed to mechanical deformation (see AS/NZS 3008.1).

Insulation: V-90 PVC

Sheath: 3V-90 PVC

2C+E FLAT PVC										
Insulation Colours	Conductor			Cable					Approx. mass kg/100m	Min installed bending radius(a) mm
	Nominal C.S.A. mm ²	Number and diameter of wires No/mm	Nominal diameter mm	Nominal insulation thickness mm	Overall diameter mm					
					Minimum		Maximum			
Major axis	Major axis	Major axis	Major axis							
Red,Green/Yellow,Black	1.0	7/0.42	1.26	0.6	9.5	4.3	9.6	4.4	8	20
Red,Green/Yellow,Black	1.5	7/0.52	1.56	0.6	9.8	4.5	10.1	4.6	10	20
Red,Green/Yellow,Black	2.5	7/0.67	2.0	0.7	12.1	5.4	12.4	5.5	15	20
Red,Green/Yellow,Black	4	7/0.85	2.6	0.8	13.8	6.3	14.1	6.5	19	30
Red,Green/Yellow,Black	6	7/1.04	3.1	0.8	14.9	6.9	15.3	7.1	24	30
Red,Green/Yellow,Black	10	7/1.35	4.1	1	18.9	8.4	19.6	8.8	38	35
Red,Green/Yellow,Black	16	7/1.70	5.1	1	21.8	9.7	22.5	10.0	54	40
3C+E FLAT PVC										
Red, White, Green/Yellow, Blue	1.0	7/0.42	1.26	0.6	11.4	4.5	11.7	4.6	10	20
Red, White, Green/Yellow, Blue	1.5	7/0.52	1.56	0.6	12.4	4.5	12.8	4.6	12	20
Red, White, Green/Yellow, Blue	2.5	7/0.67	2.0	0.7	15.4	5.4	15.8	5.5	19	20
Red, White, Green/Yellow, Blue	4	7/0.85	2.6	0.8	17.9	6.3	18.3	6.5	26	25
Red, White, Green/Yellow, Blue	6	7/1.04	3.1	0.8	19.5	6.9	20.1	7.1	33	30
Red, White, Green/Yellow, Blue	10	7/1.35	4.1	1.0	24.9	8.4	25.8	8.8	52	35
Red, White, Green/Yellow, Blue	16	7/1.70	5.1	1.0	28.8	9.7	29.7	10.0	75	40
3C FLAT PVC										
Red, White, Blue	1.0	7/0.42	1.26	0.6	8.8	4.1	9.0	4.3	8	20
Red, White, Blue	1.5	7/0.52	1.56	0.6	9.8	4.5	10.1	4.6	10	20
Red, White, Blue	2.5	7/0.67	2.0	0.7	12.1	5.4	12.4	5.5	15	20