



## 합성조작케이블 Composite Operation Cable

### 제품의 용도

- 600V 이하의 이동용 전기기기의 전원회로용

### 제품의 특성

- 연동선을 연선하여 PVC로 절연한 전선으로서 부드럽고 절연성이 높은 제품으로 특히, 이동용 전동기구 또는 기계 설비의 인입회로에 적합함.
- 도체 : 전기용 연동선
- 절연체 : PVC
- 시스체 : 고무가소제 첨가 연질 PVC
- 참조규격 : KS C IEC 60502-1

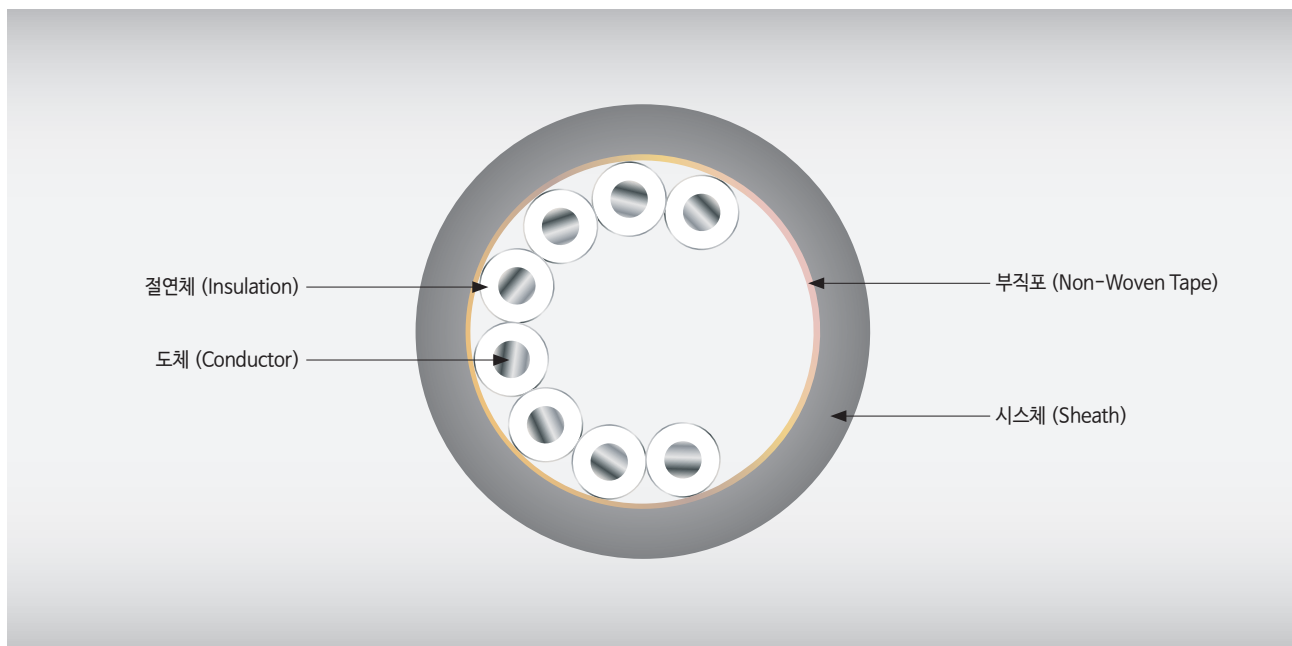
### Application of Product

- This cable is used in for wiring of movable electrical apparatus under 600V grade.

### Characteristics of Product

- The conductor is stranded annealed copper wire and insulated with PVC. This cable has characteristics of high-flexibility so that it is suitable for drop wire of electrical apparatus.
- Conductors : Bare annealed copper wire
- Insulation : PVC
- Reference Standard : KS C IEC 60502-1

### 구조 및 구성 (Construction & Formation)



표면인쇄 (Surface Marking of Product)

합성고무 VCT 6C X 1.5SQMM KWANGIL RoHS-LF-

Conductor			Insulation Thickness (mm)	Sheath Diameter (mm)	Conductor			Insulation Thickness (mm)	Sheath Diameter (mm)
Nominal Sectional Area(mm <sup>2</sup> )	No. of core	Composition (No./mm)			Nominal Sectional Area(mm <sup>2</sup> )	No. of core	Composition (No./mm)		
0.75	2	30/0.18	0.40	5.8	1.00	39/0.18	0.47	6.8	
	3			6.2				7.1	
	4			7.0				8.0	
	5			7.7				8.9	
	6			8.5				9.7	
	8			8.5				9.7	
	10			9.4				10.7	
	12			11.0				12.4	
	15			11.4				12.9	
	20			12.3				13.9	
	25			13.7				15.5	
	30			15.6				17.8	

Conductor			Insulation Thickness (mm)	Sheath Diameter (mm)	Conductor			Insulation Thickness (mm)	Sheath Diameter (mm)
Nominal Sectional Area(mm <sup>2</sup> )	No. of core	Composition (No./mm)			Nominal Sectional Area(mm <sup>2</sup> )	No. of core	Composition (No./mm)		
1.50	2	59/0.18	0.58	8.0	2.50	47/0.26	0.60	9.4	
	3			8.8				10.0	
	4			9.6				10.9	
	5			10.5				12.1	
	6			11.6				13.3	
	8			12.6				14.4	
	10			14.6				17.1	
	12			15.4				17.7	
	15			16.6				19.3	
	20			18.7				21.7	
	25			20.9				24.8	
	30			22.7				26.3	

제품허용공차 : ± 5% 내외 (Tolerance : ± 5%)  
 제작가능 도체 범위 : 0.75mm<sup>2</sup> ~ 10mm<sup>2</sup>