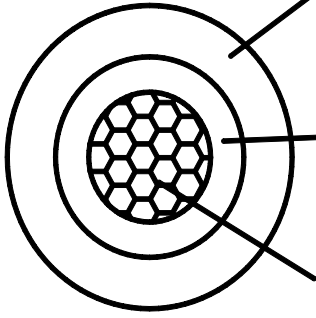


SPECIFICATION FOR APPROVAL

1. Construction		PV1-F 4mm ²		Revision:	A/0	Form No.	B274
Rated Voltage		1000VDC		 <p style="text-align: right;">Outer Layer Inner Layer Conductor</p>			
Conductor	Cross-sectional	4					
	Material	Stranded Tinned Copper					
	Cond.Size	56/ (0.285±0.008)					
	Stranded OD.(mm)	2.40					
Inner Layer	Material	XLPE					
	Color	White					
Outer Layer	Material	XLPE					
	OD.(mm)	5.90±0.15					
	Color	Black					
2. Physical Properties							
Item		Specification		Inner and outer layer is inseparable.			
		Inner Layer	Outer Layer				
Elongation	Un-aged	≥125%	≥125%	4. Marking TÜV 2 PfG 1169 PV1-F 1×4.0mm ² WUXI XINHONGYE WIRE & CABLE CO., LTD			
Strength		≥6.5Mpa	≥8Mpa				
Cold bend test	(-40±2.0°C×16h)	No cracking					
Sunlight resistance	720h	Elongation and strength retention rate ≥80%		5. Standard		TÜV 2PfG 1169/08.07	
Bending radius	≥4×Cable OD	PASS				Reference number:T50389425	
Ambient temperature		-40°C up to +90°C		6. Packing		(a) 200m.	
Content of halogen acid gas		IEC670754-1, EN50267-2-1				(b) Consulting if delivering in other ways	
Thermal endurance properties		>25years		WUXI XINHONGYE WIRE & CABLE CO., LTD. NO.17 Hexin Road, Xishan District, Wuxi, Jiangsu, China TEL:86-510-68780888 FAX:86-510-68780858 E-mail: sales@xhycable.com			
Insulation resistance AT20°C		≥10 ¹⁴ Ω·cm					
Max. current AT60°C		55A					
Max. conductor temperature		120°C					
Flame test	IEC60332-1	PASS					
3. Electrical Properties				Part No.	SCT400-01-195		APPROVED (CUSTOMER)
Item		SPECIFICATION		Serial No.	001		
Conductor Resistance AT 20°C		≤5.09Ω/km		Approved			
Dielectric-withstand test		6500VAC/5min		Checked			
Spark test		10000VAC		Drawing			
				Date	2017/6/12		