

Polyvinyl formal enamelled round copper winding wires of class 2 (2PVF)

Dimensions				Minimum dielectric breakdown voltage V.	Failing load in resistance-to-abrasion test N (gf)		Maximum conductor resistance per unit length $\Omega / \text{km} (20^{\circ}\text{C})$	Minimum elongation %				
Conductor		Minimum film thickness mm.	Maximum overall thickness mm.		Average value (min.)	Lowest value (min.)						
Diameter mm.	Tolerance mm.											
0.06	± 0.003	0.004	0.081	950	-	-	6966	10.0				
0.07			0.091				4990					
0.08			0.103				3778					
0.09		0.005	0.113	1100	-	-	2959	15.0				
0.10			0.125				2381					
0.11			0.135				1957					
0.12			0.147				1636					
0.13			0.157				1389					
0.14			0.167				1193					
0.15		0.006	0.177	1300	-	-	1037	20.0				
0.16			0.189				908.8					
0.17			0.199				803.2					
0.18		0.007	0.211	1600	-	-	715.0	25.0				
0.19			0.221				640.6					
0.20			0.231				557.2					
0.21			0.241				552.8					
0.22			0.252				480.1					
0.23			0.264				483.6					
0.24		0.021	0.274	-	-	-	402.2	20.0				
0.25			0.284				370.2					
0.26			0.294				341.8					
0.27	± 0.004	0.304	-	2.4{245}	2.1{214}	316.6	20.0					
0.28		0.314				294.1						
0.29		0.324				273.9						
0.30		0.010				0.337		2000	2.7{275}	2.4{245}	254.0	20.0
0.32						0.357					222.8	
0.35						0.387					185.7	
0.37	0.011	0.407	-	-	-	165.9	20.0					
0.40		0.439				141.7						
0.45		0.490				112.1						
0.50	± 0.006	0.542	2150	3.6{367}	3.0{306}	89.5	20.0					
0.55		0.592				74.18						
0.60		0.644				62.64						
0.65	± 0.008	0.694	-	3.7{377}	-	53026	20.0					
0.70		0.746				45.84						
0.75		0.798				39.87						
0.80	± 0.010	0.852	2400	4.5{459}	3.8{388}	35.17	25.0					
0.85		0.904				31.11						
0.90		0.956				27.71						
0.95	0.017	1.008	-	5.6{571}	4.7{479}	24.84	25.0					
1.0		1.062				22.49						