

Self-bonding polyurethane enamelled round copper winding wires of class 0 (OSBUEW)

Dimensions					Minimum dielectric breakdown voltage V.	Maximum conductor resistance per unit length $\Omega / \text{km} (20^{\circ}\text{C})$	Minimum elongation %				
Conductor		Minimum thickness of polyurethane layer mm.	Minimum film thickness mm.	Maximum overall diameter mm.							
Diameter mm.	Tolerance mm.										
0.10	± 0.008	0.009	0.016	0.156	2000	2647	15.0				
0.11				0.166							
0.12				0.010				0.017	0.180	2200	1786
0.13									0.190		1505
0.14									0.200		1286
0.15		0.011	0.018	0.210	2400	1111					
0.16				0.222		969.5					
0.17				0.232		853.5					
0.18		0.012	0.019	0.246	2400	757.2					
0.19				0.256		676.2					
0.20				0.266		607.6					
0.21				0.276		549.0					
0.22				0.286		498.4					
0.23		0.013	0.020	0.298	2800	454.5					
0.24				0.308		416.2					
0.25				0.318		382.5					
0.26				± 0.01		0.021		0.330	2800	358.4	
0.27								0.340		331.4	
0.28		0.350	307.3								
0.29		0.014	0.021	0.360	2800	285.7					
0.30				0.374		262.9					
0.32				0.394		230.0					
0.35				0.022		0.022		0.424	3050	191.2	
0.37								0.446		170.6	
0.40		0.015	0.023	0.480	3050	145.3					
0.45	0.016			0.024		0.532	114.2				
0.50						0.586	91.43				
0.55	± 0.02	0.025	0.646	3050	78.15						
0.60			0.698		65.26						
						20.0					