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Material	Dielectric Constant κ	Dielectric Strength ^a (10^6 V/m)	
Air (dry)	1.000 59	3	
Bakelite	4.9	24	
Fused quartz	3.78	8	
Mylar	3.2	7	
Neoprene rubber	6.7	12	
Nylon	3.4	14	
Paper	3.7	16	
Paraffin-impregnated paper	3.5	11	
Polystyrene	2.56	24	
Polyvinyl chloride	3.4	40	
Porcelain	6	12	
Pyrex glass	5.6	14	
Silicone oil	2.5	15	
Strontium titanate	233	8	
Teflon	2.1	60	
Vacuum	$1.000\ 00$	-	
Water	80	_	

