



Bellsafe®
贝宁

Bellsafe Flex Rubber Insulation

Technical Data Sheet

Property	Standard
Density	Tubes: 50~70 KG/M ³ Sheet: 40~70KGS/ M ³
Thermal Conductivity	0°C. , $\leq 0.034\text{W/M.K}$
Water Vaport Permeability	≥ 10000
Fire Retardant	Class B1
Oxygen Index	$\geq 32\%$
Classification Smoke	≤ 75
Smoke Toxicity	Accords with Class ZA3, Excellent
Water Absorption	$\leq 10\%$
Tear Stability	$\geq 3.5\text{N/cm}$
Dimension Stability	105°C, 7DAYS, $\leq 10\%$
Compress Resilience	Compress 50% for 72H, Retract $\geq 70\%$
Noise Reduction	High Reach to 30 (35) DB(A)
Resistance to Agent Chemical	Stable performance to agent chemical used as building material
Resistance to UV Radiation	No crack on surface in 460 hours
Resistance to Ozone	202 MPA, 200H, No Cracks
Resistance to Aging	150H, Slight Toffers, No Cracks, Holes and Distortion