Wincell®

NBR INSULATION MATERIAL

W1S Wincell CLASS 1 Sheet mode

Model	Thicknesss mm	Length m	Width m
W1S6	6	20	1.5
W1S10	10	20	1.5
W1S13	13	15	1.5
W1S15	15	15	1.5
W1S19	19	10	1.5
W1S20	20	10	1.5
W1S25	25	10	1.5
W1S30	30	8	1.5
W1S32	32	8	1.5
W1S35	35	5	1.0
W1S38	38	5	1.0
W1S40	40	5	1.0
W1S50	50	2	1.0

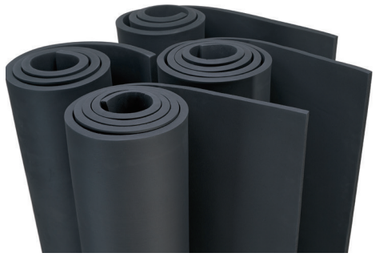
●Example of model designation：W1S19

W-----Wincell brand
1----- Product grade code
S----- Uniform plate code
19----- Rubber and plastic plates make wall thickness(mm)

●Note: When the design of insulation layer is larger than 32mm, it is recommended to use double layer or multi-layer plate insulation.

GENERAL NBR INSULATION

Wincell General Rubber and Plastic is a flexible rubber and plastic insulation material with completely closed cells that is foamed with butyl rubber as the main raw material. The excellent product performance makes the product widely used in various public places, industrial plants, clean rooms and Scenarios such as medical education institutions.



CLASS **1**

PRODUCT PARAMETERS

Physical Property		Performance Index	Standard
Steel density Kg/m^3		40-80	GB/T 6343
Thermal conductivity W/(m·k)		< 0.030 at -20°C < 0.032 at 0°C < 0.037 at 40°C	GB/T 10294
Moisture permeability	Permeability coefficient	≤ $1.96x10^{-11}$	GB/T 17146
	Wet resistance factor	≥ 10000	GB/T 17146
Vacuum holding %		≤ 8	GB/T 17794
Aiming performance		Flame retardant B1 level	GB 8624
Smoke toxicity		ZA3 roll grade	GB/T 20285
Ruler %		(105℃ ±3℃, 7d) ≤ 10	GB/T 8811
Compression rebound rate %		(compression rate 50%, 72h) > 70	GB/T 6669
Anti-aging 150h		Slightly wrinkled, no cracks, no pinholes, no deformation	GB/T 16259
Applicable temperature range ℃		-50 ~ 110	GB/T 17794