

BYUTEFLASH

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TECHNICAL INFORMATION:

Description:

Single-sided Aluminum foil tape.

Shelf life (storage below 35°C)	24 months
Application temperature	0 - 40°C
Service temperature	-40 to 120°C

Physical and chemical properties:

ITEM	CONDITION	STANDARD	REF. STANDARD
Tack (rolling ball)	23±2°C	≥32	JIS Z0237
Low temperature flexibility	-40±2°C	No-crackle	ASTM C765
Water vapor transmission rate (g/m ² , 24h/mm)	0.3MPa, 24h	≤1.0	ASTM E96
Tensile strength, MPa	23±2°C	≥10	ASTM D412 Method A
Elongation, % (Break)	23±2°C	≥10	ASTM D412 Method A
180° Peel strength, N/mm	23±2°C, 300 mm/min	≥1.0 (Cohesive failure)	ASTM D3330
Weatherability	500h	The surface is not cracked and the butyl rubber remains elastic.	ASTM G155 cycle 7
PE release film peeling performance N/mm	Initial peeling Start after a pause	50±2°C, 300 mm/min	≤0.20 ASTM D3330