

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/m², 24h/mm)		0.3MPa, 24h	≤1.0	ASTM E96
Maximum tensile load (N)		23±2°C	60±4	ASTM D412 Method A
Max. tensile elongation (mm)		23±2°C	48±5	ASTM D412 Method A
Tear resistance (N)		23±2°C	40±3	ASTM D1004 - 21
Max. tear elongation (mm)		23±2°C	60±5	ASTM D1004 - 21
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	50±2°C, 300 mm/min	≤0.20	ASTM D3330
	Start after a pause			