

VieTape AO7000

ALUMINUM OXIDE LAPPING FILM

DESCRIPTION

VieTape AO7000 lapping film features a precise, uniform coating of aluminum oxide on a strong polyester backing, ensuring accurate and consistent surface finishes. Available with or without adhesive backing, this versatile film comes in various sizes to accommodate a wide range of polishing applications in industries such as optics, electronics, and metals..

APPLICATION

Fiber optic connector polishing, flat lapping, superfinishing, media head finishing, hard disk drive, alloy, SS metals etc..

PERFORMANCE

Aluminum Oxide		Abrasive			
P/N	Mesh Size	Particle Size (µm)	Color	Thickness	Backing
AO7000 - 0.3	15000	0.3	White	0.05; 0.075; 0.13 mm	Polyester film Plain and PSA
AO7000 - 0.5	10000	0.5	White		
AO7000 - 1	8000	1	Blue		
AO7000 - 2	6000	2	Green		
AO7000 - 3	4000	3	Pink/white		
AO7000 - 5	3000	5	White		
AO7000 - 9	2000	9	White		
AO7000 - 12	1500	12	Yellow		
AO7000 - 15	1200	15	Brown		
AO7000 - 16	1000	16	White		
AO7000 - 20	800	20	White		
AO7000 - 30	600	30	Green		
AO7000 - 40	400	40	White		
AO7000 - 50	320	50	White		



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FEATURE

- High-quality polyester substrate: Ensures excellent flatness and durability.
- Sharp abrasive particles: Provides precise polishing and high cutting force.
- Specialized PSA adhesive: Prevents deep scratches and non-patterned finishes.
- PSA (pressure-sensitive adhesive) option available .

SHELF LIFE

Store in original package at room temperature (15-35°C) and 60% relative humidity, avoid direct sunlight.

Shelf life is 36 months from date of manufacture when store at recommended storage condition.

The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

