

DVCPRO Tape Line-Up: Compatibility & Interchangeability Recording & Playback Times/Application



DVCPRO Tape	DVCPRO	DVCPRO50	DVCPROHD	DVCPROHD-EX	Length
Model # (& Cassette Size)	Recording & Playback Times/Application				(meters)
AJ-P12M (Medium Cassette)	12 min.	6 min.	3 min.**	6 min.*	27 m
AJ-P24M (Medium Cassette)	24 min.	12 min.	6 min.**	12 min.*	51 m
AJ-P33M (Medium Cassette)	33 min.	16.5 min.	8 min.**	16.5 min.*	70 m
AJ-P46M (Medium Cassette)	46 min.	23 min.	11.5 min.**	23 min.*	96 m
AJ-P66M (Medium Cassette)	66 min.	33 min.	16.5 min.**	33 min.*	137 m
AJ-P34L (Large Cassette)	34 min.	17 min.	8.5 min.**	17 min.*	72 m
AJ-P66L (Large Cassette)	66 min.	33 min.	16.5 min.**	33 min.*	137 m
AJ-P94L (Large Cassette)	94 min.	47 min.	23.5 min.**	47 min.*	194 m
AJ-P126L (Large Cassette)	126 min.	63 min.	31.5 min.**	63 min.*	259 m
AJ-HP126EX (Extra Large Cassette)	252 min.	126 min.	63 min.**	126 min.*	513 m
AJ-CL12M (Medium Cleaning Tape)		(Medium Cleaning Tape)		(12 min.)	(27 m)
AJ-CL12L (Large Cleaning Tape)		(Large Cleaning Tape)		(12 min.)	(27 m)

All DVCPRO tape models will record & playback in 4:1:1 **DVCPRO** (25Mbps), 4:2:2 **DVCPRO50** (50Mbps), and **DVCPROHD** or **DVCPROHD-EX** (100Mbps) applications; actual recording & playback time is application dependent.

All DVCPRO Cassettes contain the same metal particle tape formulation.

All tapes are the same/standard thickness, with a 6.5µm base film and a total tape thickness of 8.5µm.

Please note: 50Mbps (**DVCPRO50**) recordings consume twice as much tape as 25Mbps **DVCPRO**, and 100Mbps (**DVCPROHD** or **DVCPROHD-EX**) recordings use four times as much tape, due to their increased recording speed.

VariCam AJ-HDC27H uses Large Cassettes only; AJ-HD1200A & AJ-HD1400 VTRs use Medium and/or Large Cassettes.

DVCPROHD-EX Camcorders: AJ-HDX400, AJ-HDX900 use Medium Cassettes only.

AJ-HP126EX Extra Large Cassette may only be used in the AJ-SD965 DVCPRO50/25Mbps Switchable & AJ-HD1700 HD VTRs.

Recording Time at Standard 18-Micron **DVCPROHD Recording / *Recording Time at 9-Micron **DVCPROHD-EX** Recording.

DVCPROHD-EX employs 9-Micron Record Heads (1/2 the recording track width) providing 2x the record time of standard 18-Micron Heads, and are found in the AJ-HD1200A, HD1400 & AJ-HD1700 VTRs and AJ-HDX400 & HDX900 Camcorders.

Technical Specification	DVCPRO	DVCPRO50	DVCPROHD	DVCPROHD-EX
Data Rate	25 Mbps	50 Mbps	100 Mbps	100 Mbps
Record/Playback Speed	x	2x	4x	4x
Record Head Gap	18 Micron	18 Micron	18 Micron	9 Micron