



DVCPRO HD

DP1001

Superior Image Quality for HDTV Broadcast Use

The Fujifilm DVCPRO series includes tapes for a variety of video applications ranging from the conventional to digital HDTV systems. In step with the digitalization of broadcast systems, Fujifilm's high standard of quality and performance are available to meet professional demands for a wide range of DVCPRO systems.

ATOMM*-II Ultra-Thin Metal Coating Technology

Fujifilm's exclusive ATOMM-II technology creates an ultra-thin magnetic layer that is essential for high-density recording. This advanced technology features high-performance magnetic particles and a magnetic layer that is only 0.2µm thick, offering high output, high C/N and a low error rate.

*ATOMM: Advanced Super Thin Layer and High Output Metal Media

Advanced Features for Enhanced Magnetic Layer Stability

A high-molecular binder material improves magnetic layer durability, and lubricants in the upper and lower layers enable the tape to withstand a wide range of operating conditions. Advanced backcoating keeps the friction coefficient consistently low, resulting in minimal headwear.

High-Precision, High-Rigidity Cassette Cases

Tightly sealed high-precision cassette shells prevent tape deformation and damage, promote stable tape transport, and shut out dust and dirt to help ensure a low error rate.

DP1001 Technical Data	
Magnetic Properties	
Coercivity (Hc)	183kA/m
Retentivity (Br)	370mT
Physical Characteristics	
Tape Thickness: Total	8.5µm
Tape Width	6.35mm
Yield Strength	More than 5 N
Breaking Tensile Strength	More than 10 N
Residual Elongation	Less than 0.2%
Performance	
Video RF Output	0 dB*
Video C/N	0 dB*
Audio Sensitivity	0 dB*
Audio Frequency Response	0 dB*

Note: Figures are typical values based on Fujifilm's standard measurement procedures. The figures marked with * are comparisons with the Fujifilm reference tape.