

	DVD+R / DVD+RW RECORDABLE MEDIA	
Technical Data		
TYPE	DVD + R 4.7 GB (SL)	DVD + RW 4.7 GB
Technology	6 layers, polycarbonate UV-bond substrate, reflective layer silver alloy	8 layers, polycarbonate UV-bond substrate, phase change alloy
Supported by	RW-Alliance	RW Alliance
Storage capacity (binary system -PC)	4.37 GB 120 minutes (video MPEG2)	4.37 GB 120 minutes (video MPEG2)
Laser wavelength - writing	650 nm	650 nm
Laser wavelength - reading	650 nm	650 nm
Aperture of objective lens	0,6	0,6
Number of writing cycles	1	>1000
Range of writing speed	4x / 8x / 16x	1x - 4x
Storage layer	AZO recording layer	Phase-change layer
Recording track format	Wobbled high frequency groove	Wobbled high frequency groove
Sides used	1	1
Substrate material	Polycarbonate	Polycarbonate
Writing mode	CAV and CLV	CAV and CLV
Minimum data bit length	0,4 µm	0,4 µm
Track pitch	0,74 µm	0,74 µm
Sector size	2.048 bytes	2.048 bytes
Recording code	8/16, RLL(2, 10)	8/16 RLL(2, 10)
Error correction code	Reed-Solomon Product Code	Reed-Solomon Product Code
Operating environment	-5°C - +55°C / 23°F - 131°F	-5°C - +55°C / 23° - 131°F
Technical data		
Outer diameter	120 mm ± 0,3 mm	120 mm ± 0,3 mm
Inner diameter	15 mm ±0,05 mm	15 mm ± 0,05 mm
Thickness	2x0,6 mm	2x0,6 mm
Applicable standards	DVD+R part 1SL	DVD+RW Spec.1.2