

JIS

JAPANESE INDUSTRIAL STANDARD

**90 mm Flexible Disk
Cartridges (7958 ftprad)**

JIS X 6221⁻¹⁹⁸⁷

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

1. Scope

This Japanese Industrial Standard specifies the construction, dimensions, physical, mechanical, electrical and magnetic characteristics of the 90 mm flexible disc cartridge for information exchange, hereinafter referred to as the "flexible disc", to be recorded in the track density 5.3 track/mm for the magnetic flux reversal density 7958 magnetic reversal/rad.

2. Definitions

For the main terms used in this Standard the definitions in JIS X 0001 apply, and the rest of the terms shall be as follows:

- (1) flexible disc A disc built in a case, itself a flexible type medium for magnetically recording and keeping on both recording surfaces information about the information treatment system and related information.
- (2) hub A circular plate for driving a disc installed in the centre of the disc. A hub shall make the concentric rotation of the disc secure when a driving shaft is inserted into the hole having a specified angle of inclination.
- (3) shutter A mechanism which automatically opens and closes the head window part whenever the flexible disc is connected or disconnected with the drive.
- (4) liner A protection-purpose sheet installed between the disc and the case for the purpose of cleaning and warding off abrasion.
- (5) case A disc-protecting container with a shutter mechanism and a write-inhibit hole.
- (6) standard flexible disc A flexible disc which is used as the standard for the standard magnetic field, signal amplitude, dissolution ability, peakshift, and overlapping writing, and the characteristic values of which are specified by ISO.

Tracks 00 and 79 on both sides are the standard. The standard track is calibrated by 600 rpm but can be effective in 300 rpm, too.