

RTM C90

Cassette Pancakes

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BASED ON LEGENDARY SM900 FORMULA

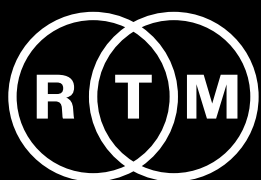
WIDTH: 3.81MM

MINIMAL PRINT-THROUGH

TYPE ONE, NORMAL BIAS

PRODUCED FROM 2020 ONWARDS

MADE IN FRANCE



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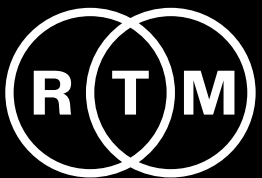
Technical Data

| | Parameters | C90 pancake data | Notes |
|-----------------------|---|--|---------------------------------------|
| General Properties | Maximum recording time once loaded | 90 min | |
| | Tape width | 3.81 mm (+0.00/-0.05) | |
| | Tape length | 3800m | |
| | Average diameter | 28cm | |
| Physical Properties | Coating thickness | 5 $\mu\text{m} \pm 0.5 \mu\text{m}$ | |
| | Base film thickness | 12 $\mu\text{m} \pm 0.5 \mu\text{m}$ | Polyester |
| | Total Thickness | 17 $\pm 1 \mu\text{m}$ | |
| | Yield Strength (3%) | $\geq 5 \text{ N}$ | |
| | Breaking Strength | $\geq 9 \text{ N}$ | |
| | Electrical resistance of magnetic coating | $\leq 4 \text{ G}\Omega$ | |
| Magnetic Properties | Coercivity | 370 Oe | Ferric Oxide (Fe2O3) |
| | Saturation retentivity | 1500 G | |
| Electrical properties | Sensitivity at 315Hz | -0.6 dB | Compared to IEC I tape |
| | Sensitivity at 10kHz | +0.5 dB | Compared to IEC I tape |
| | Maximum output level at 315Hz (MOL) | +2.2 dB | dB above reference level of 250 nWb/m |
| | Saturated output level at 10kHz (SOL) | -6 dB | Relative to reference level |
| | Bias noise | +0.6 dB | Compared to IEC I tape |
| | Audio S/N ratio | More than 48 dB | |

All data given in the specification are subject to change without prior notice due to technical progress

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