

RTM C90 Type One

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BASED ON LEGENDARY SM900 FORMULA

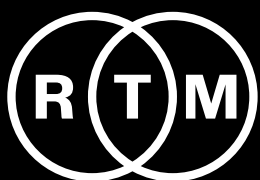
WIDTH: 3.81MM

MINIMAL PRINT-THROUGH

TYPE ONE, NORMAL BIAS

PRODUCED FROM 2020 ONWARDS

MADE IN FRANCE



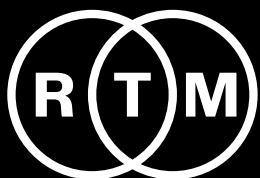
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Technical Data

	Parameters	RTM C90 Data	Notes
General Properties	C-0 shell	Clear, 5 screws	Tab in
	Maximum recording time	90 min	
	Tape width	3.81 mm (+0.00/-0.05)	
	Tape length	130.9m	
Physical Properties	Coating thickness	5 $\mu\text{m} \pm 0.5 \mu\text{m}$	
	Base film thickness	8 $\mu\text{m} \pm 0.5 \mu\text{m}$	Polyester
	Total Thickness	13 $\pm 1 \mu\text{m}$	
	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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