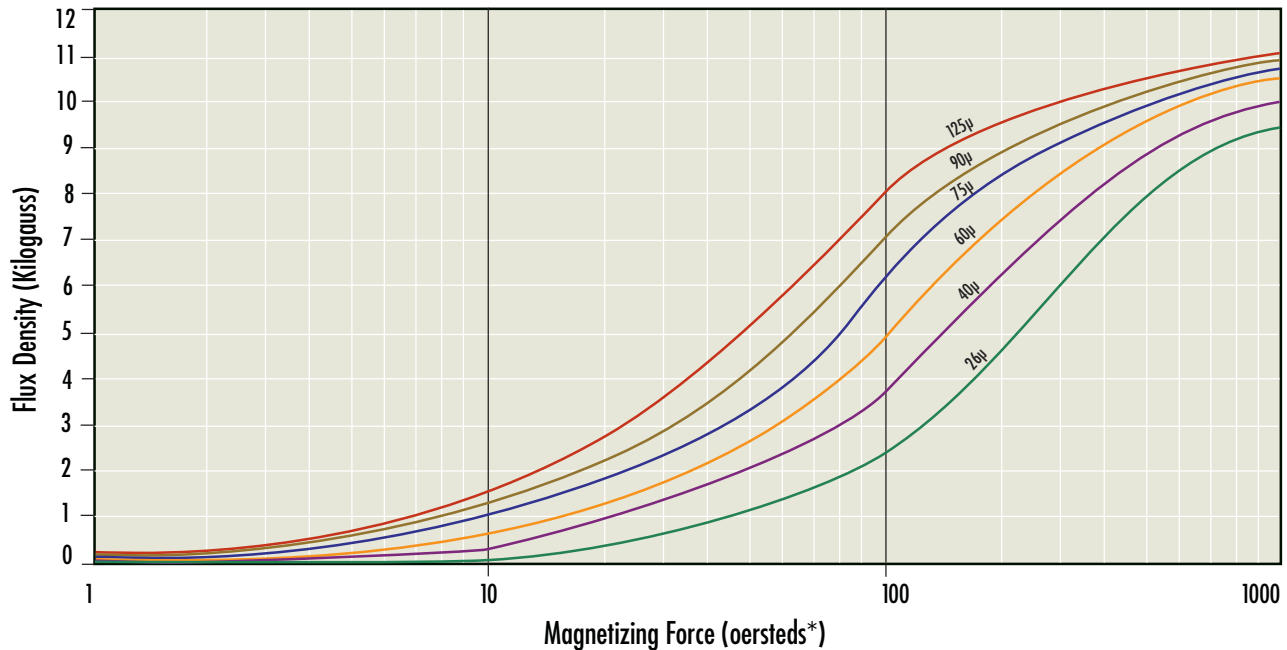


Kool M μ [®] Material Property Curves

Normal Magnetization Curve



Curve Fit Formula (refer to curves for units)

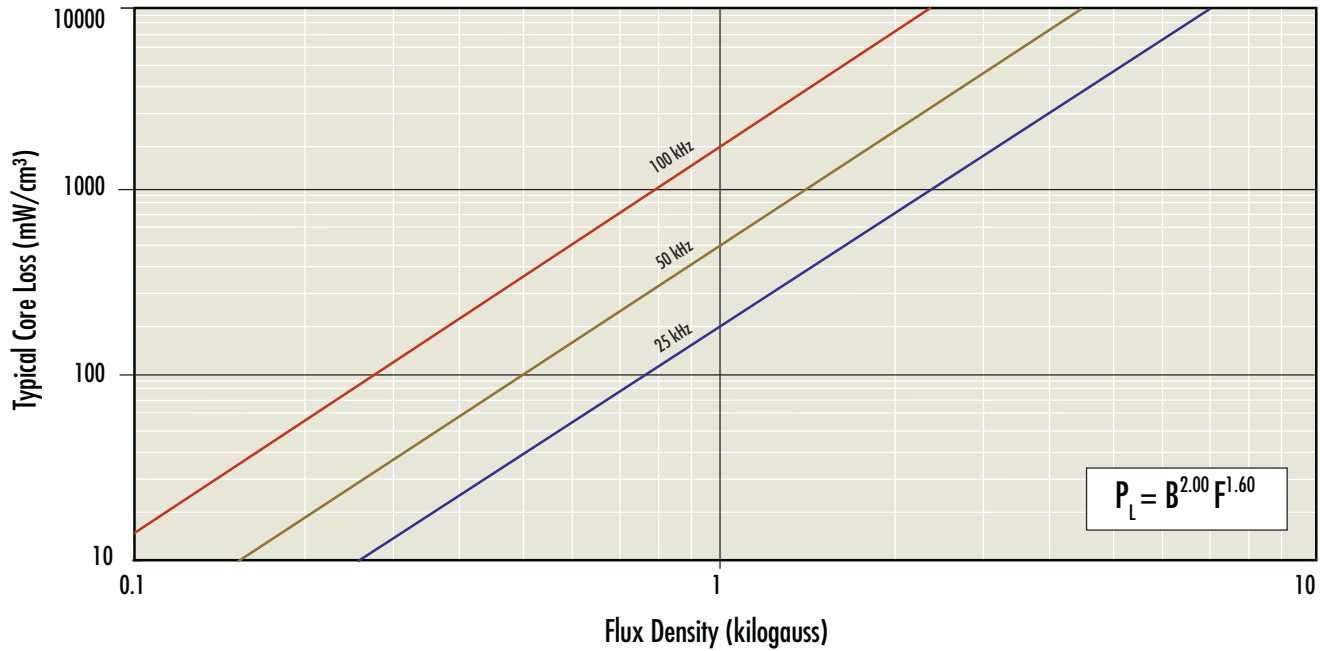
$$B = \left[\frac{a + bH + cH^2}{1 + dH + eH^2} \right]^x$$

where:

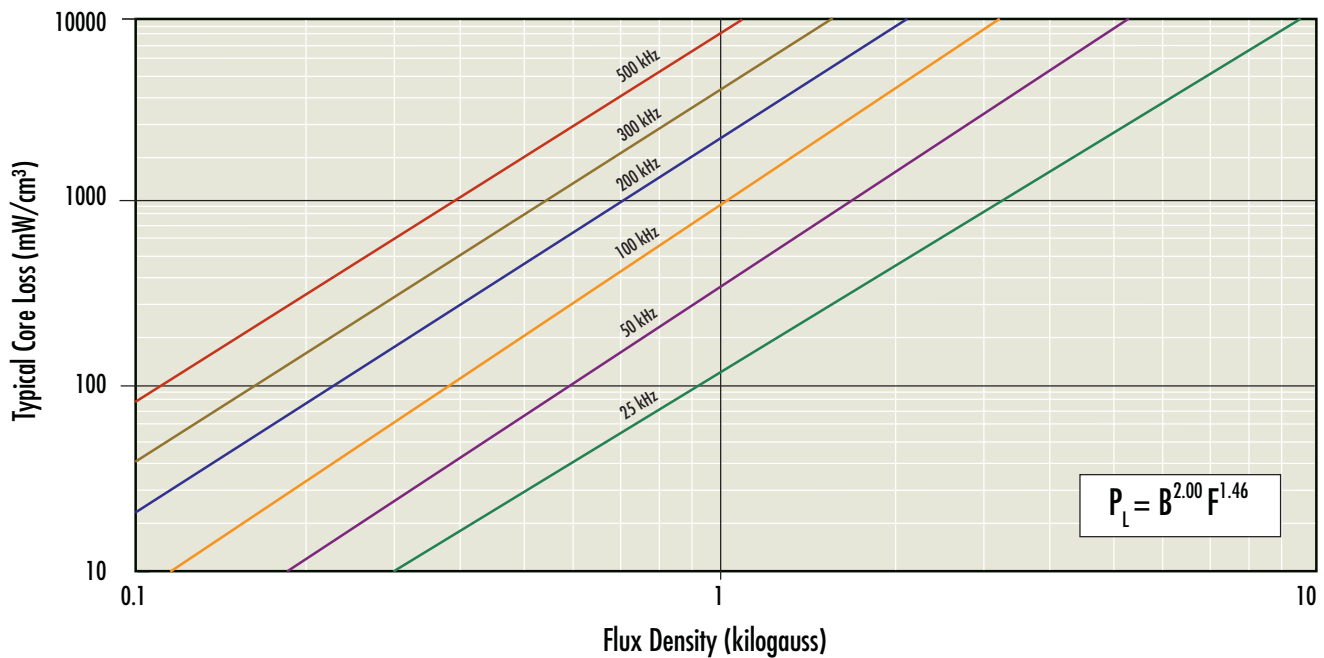
		a	b	c	d	e	x
Kool M μ	26 μ	5.868E-3	7.450E-3	5.706E-4	-2.930E-4	5.539E-6	0.5
	40 μ	8.870E-3	4.450E-3	1.710E-3	2.330E-4	1.630E-5	0.5
	60 μ	1.658E-2	1.831E-3	4.621E-3	4.700E-3	3.833E-5	0.5
	75 μ	1.433E-2	7.738E-3	8.376E-3	5.773E-3	7.159E-5	0.5
	90 μ	5.660E-2	-9.675E-3	1.250E-2	5.792E-3	1.075E-4	0.5
	125 μ	7.808E-3	4.049E-2	1.643E-2	3.121E-3	1.447E-4	0.5

Core Loss Density Curves

Kool M μ [®] 26 μ , 40 μ

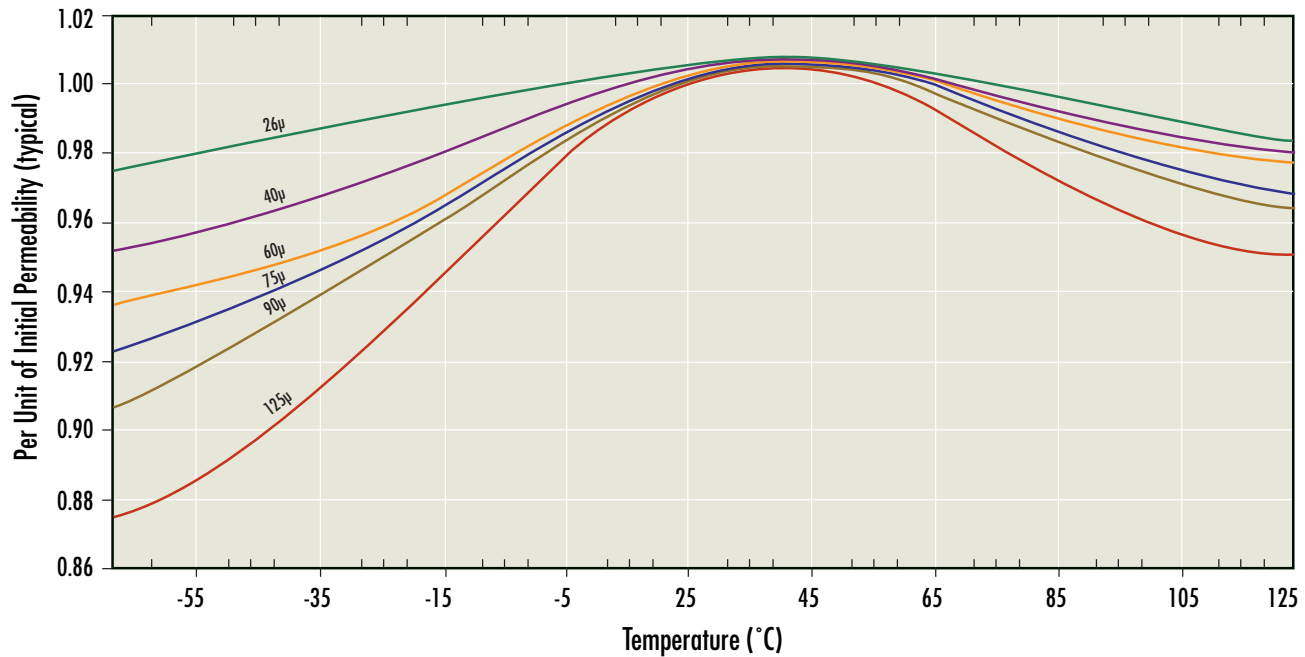


Kool M μ [®] 60 μ -125 μ



Permeability versus Temperature Curve

Kool Mμ[®]



Fit Formula (refer to curves for units)

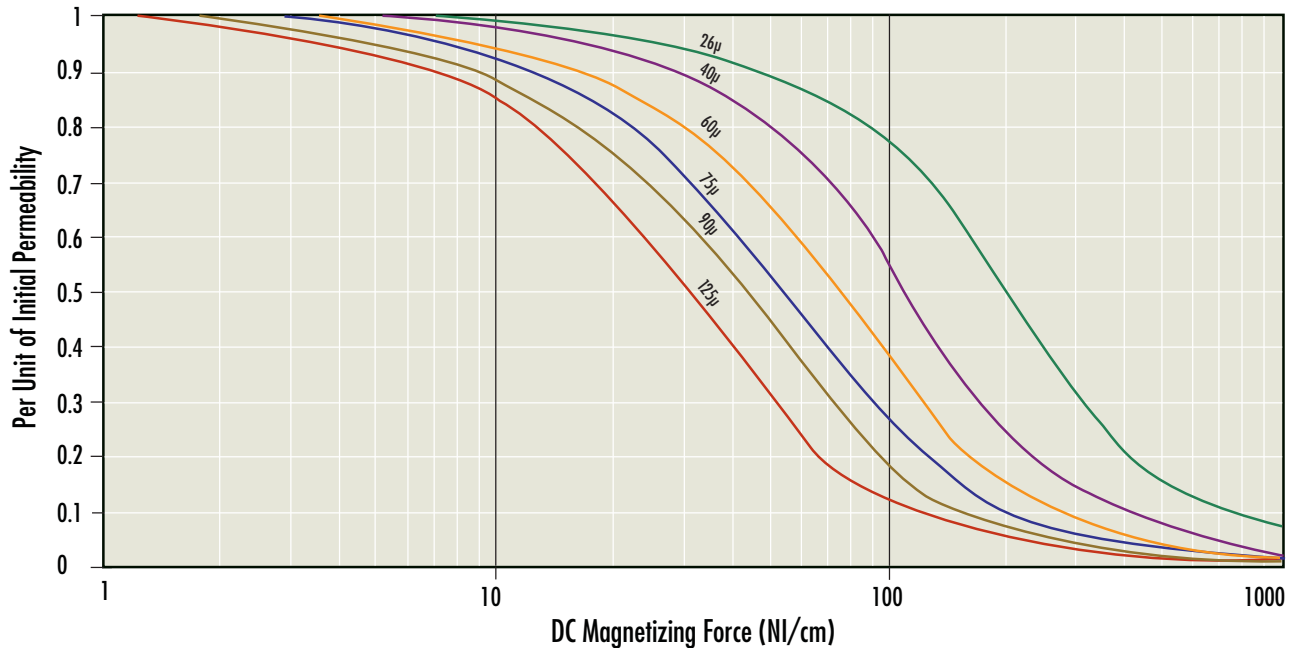
$$\mu \text{ (per unit)} = a + bT + cT^2 + dT^3 + eT^4$$

where:

		a	b	c	d	e
Kool Mμ	26μ	0.9958	4.00E-04	-3.00E-06	-4.00E-08	3.00E-10
	40μ	0.9923	6.00E-04	-5.00E-06	-5.00E-08	3.00E-10
	60μ	0.9856	8.00E-04	-6.00E-06	-6.00E-08	4.00E-10
	75μ	0.9849	9.00E-04	-9.00E-06	-7.00E-08	6.00E-10
	90μ	0.9809	1.10E-03	-1.00E-05	-8.00E-08	7.00E-10
	125μ	0.9723	1.40E-03	-1.00E-05	-9.00E-08	9.00E-10

Permeability versus DC Bias Curve

Kool M μ [®]



Curve Fit Formula (refer to curves for units)

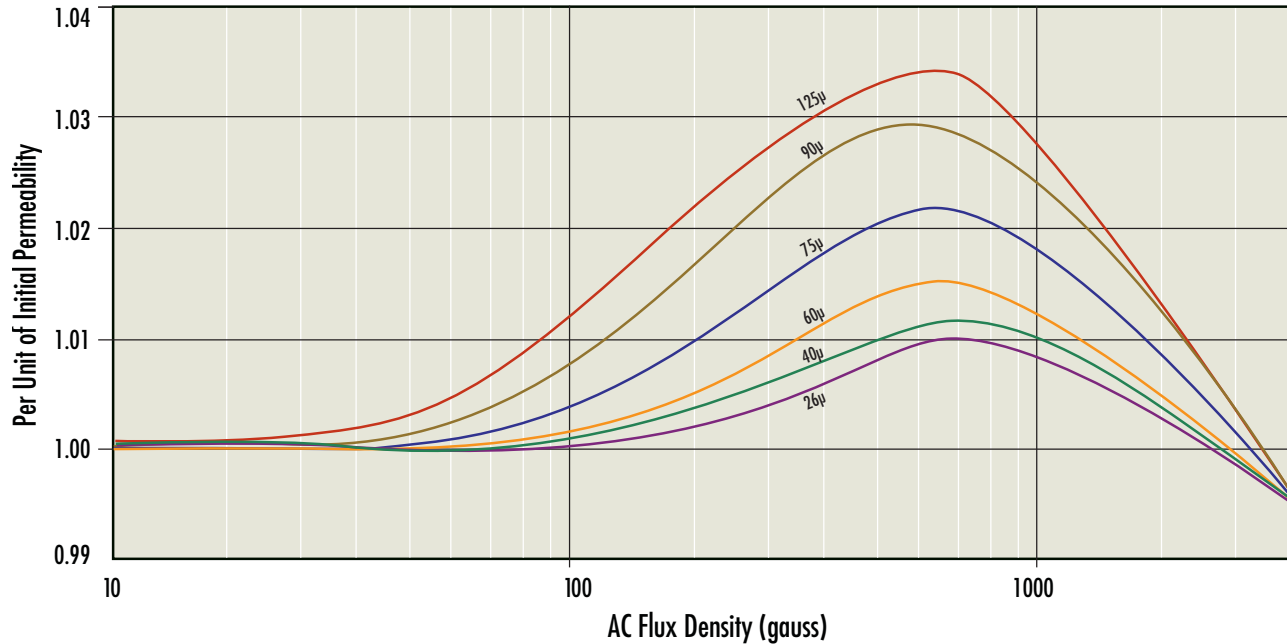
$$\mu \text{ (per unit)} = a + bT + cT^2 + dT^3 + eT^4$$

where:

		a	b	c	d	e
Kool M μ	26 μ	1	-1.90E-03	-7.00E-06	3.00E-08	-2.00E-11
	40 μ	1	-2.80E-03	-3.00E-05	2.00E-07	-4.00E-10
	60 μ	1	-6.80E-03	-1.00E-05	2.00E-07	-5.00E-10
	75 μ	1	-8.60E-03	-6.00E-05	1.00E-06	-3.00E-09
	90 μ	1	-1.26E-02	-3.00E-06	8.00E-07	-3.00E-09
	125 μ	1	-1.60E-02	-7.00E-05	3.00E-06	-2.00E-08

Permeability versus AC Flux Curve

Kool M μ [®]



Curve Fit Formula (refer to curves for units)

Kool M μ :

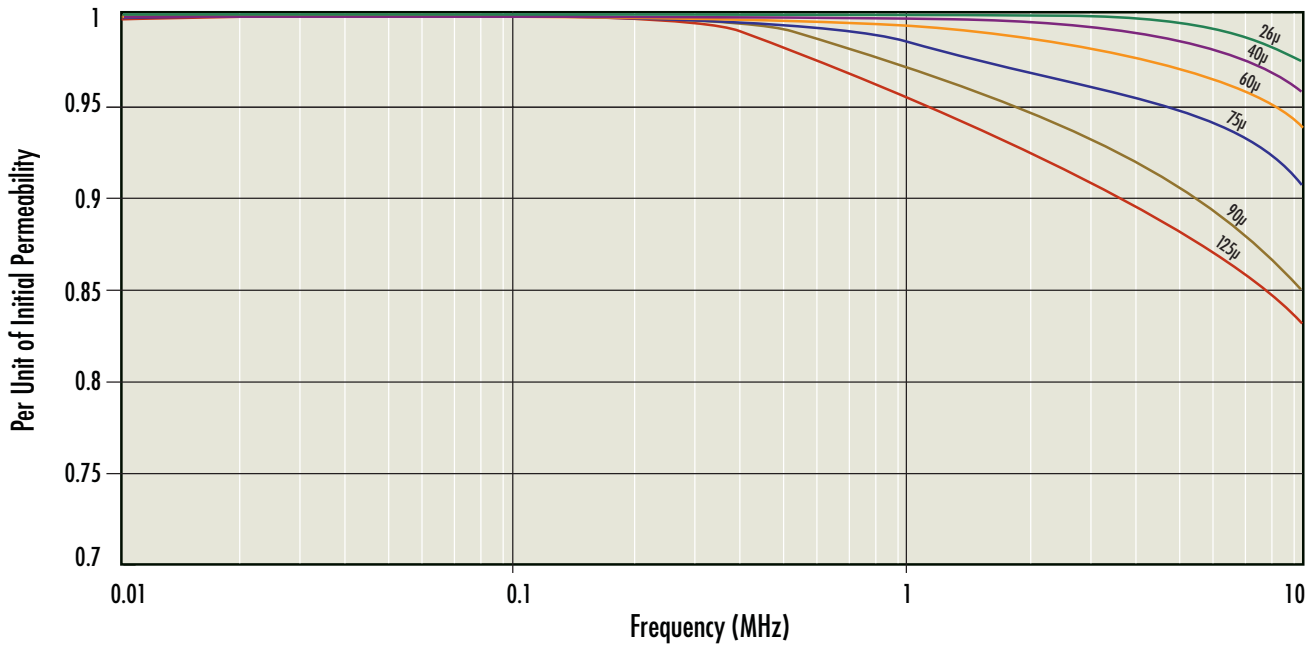
$$\mu_{\text{eff}} / \mu_i = 1 + (a + bB + cB^2 + dB^3 + eB^4)$$

where:

		a	b	c	d	e
Kool M μ	26μ	-1.291E-3	4.711E-5	-5.779E-8	2.102E-11	-2.121E-15
	40μ	1.991E-3	5.711E-5	-6.479E-8	1.770E-11	-
	60μ	-1.850E-3	7.340E-5	-9.824E-8	4.486E-11	-7.157E-15
	75μ	-2.135E-3	9.533E-5	-1.189E-7	4.847E-11	-6.242E-15
	90μ	-2.769E-3	1.430E-4	-2.092E-7	1.115E-10	-2.135E-14
	125μ	-2.421E-3	1.740E-4	-2.662E-7	1.531E-10	-3.170E-14

Permeability versus Frequency Curve

Kool M μ [®]



Curve Fit Formula (refer to curves for units)

$$\mu \text{ (per unit)} = a + bT + cT^2 + dT^3 + eT^4$$

where:

		a	b	c	d	e
Kool M μ	26 μ	1	-3.10E-03	-1.00E-04	1.00E-05	
	40 μ	1	-1.34E-02	4.00E-03	-6.00E-04	3.00E-05
	60 μ	1	-1.65E-02	3.90E-03	-5.00E-04	2.00E-05
	75 μ	1	-3.32E-02	8.60E-03	-1.00E-03	4.00E-05
	90 μ	1	-4.47E-02	1.00E-02	-1.20E-03	5.00E-05
	125 μ	1	-5.86E-02	1.34E-02	-1.60E-03	7.00E-05