



# THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS



## G-Flex Kraft Paper

<b>Item:</b>	<b>G-Flex Kraft Paper</b>		
<b>Description:</b>	Electrical insulation kraft paper offering high purity, excellent oil absorption, and excellent mechanical / dielectrical strength for use in distribution and power transformers.		
<b>Application:</b>	Liquid filled transformers		
<b>Availability:</b>	Thickness:	English Units [in] 0.003 / 0.004 / 0.005 / 0.007 / 0.01	SI Units [mm] 0.075 / 0.105 / 0.125 / 0.175 / 0.250
	Roll Width:	49	1250
	Fabricated Parts:	The Gund Company custom fabricates insulation materials to the exact specifications and drawings specified by our customers.	

Key Characteristics		Units	Test Method	G-Flex Kraft Paper Typical Data	
Standard Thickness		mil	IEC 60554	3	5
		mm		0.075	0.125
Density		g.cc		0.807	0.813
Tensile Strength (Expressed as Tensile Index)	MD	Nm/g		99	100
	CD			40	40
Elongation at break	MD	%		3.1	2.6
	CD			5.6	6.6
Substance/Grammage		g/m <sup>2</sup>		61	100
Water Absorption		mm		14.7	15.0
Internal Tearing Resiance (Expressed as Tear Index)	MD	mNm <sup>2</sup> /gm		9.7	11.4
	CD			12.4	14.2
Moisture Content		%		5.93	5.63
Conductivity of Aq. Extract		mS/m		4.4	4.6
pH of Aq. Extract		--		7.04	6.91
Ash Content		%	0.45	0.50	
Electric Strength (a.c.) In Air at 25°C		kV/mm	8.4	8.6	

AS9100 Certified QMS | ISO9001 Certified QMS | RoHS Compliant | ITAR Compliant

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