



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS



G-Flex Kraft Paper

Item:	G-Flex Kraft Paper		
Description:	Electrical insulation kraft paper offering high purity, excellent oil absorption, and excellent mechanical / dielectrical strength for use in distribution and power transformers.		
Application:	Liquid filled transformers		
Availability:	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 ²		61	100
Water Absorption		mm		14.7	15.0
Internal Tearing Resiance (Expressed as Tear Index)	MD	mNm ² /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	

Data supplied above are typical values and are not to be considered specification values. All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the contemplated application, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.