WEIDMANN

PAPERS FOR ELECTRICAL APPLICATIONS | AT-A-GLANCE

Type		Standard	Grades	Description	Applications
Kraft Flat Paper	Insulating Paper	IEC 60554-3-5	LD (Low Density) LD TU (Thermally Upgraded) MD (Medium Density) MD TU (Thermally Upgraded) HD (High Density) HD TU (Thermally Upgraded)	• High strength • Excellent electrical properties • High level of purity • Superior reliability	• Wire wrap insulation • Distribution transformers • Current and instrument transformers • Bushings
	Press Paper	IEC 60641-3-2	P.4.1A P.4.1A TU (Thermally Upgraded) P.4.3 P.2.1A Laminated Paper 180PALU20		
Crepe Paper		IEC 60554-3-3	Standard Aluminum crepe Calendered High Density Multilayer Semi-conductive Super-calendered	• High elongation and flexibility for tight and precise wrapping • High mechanical strength and electrical performance • Reel widths up to 2500 mm	• High-voltage bushings and instrument transformers • Wire wrapping • Shield rings placed within the end sections of transformer windings
Coated Paper		IEC 60641-3-2	DPP (Diamond Pattern Paper) TU DPP (Thermally Upgraded Diamond Pattern Paper) TUF-Flex INSULutions DPE STRIP-Flex K	• Faster liquid impregnation rate • Superior dielectric and mechanical properties • Proven compatibility with mineral oil and ester liquid • Enhanced performance for wire wrapping	• Layer insulation of liquid-immersed transformers • HV strip winding • Layer insulation in the low-voltage windings of distribution transformers
High Temperature Nomex® Paper			Nomex® 410 Calendered Nomex® 411 Uncalendered Nomex® 410 Diamond Dotted Nomex® Crepe Paper Nomex® E56 Plain Nomex® Paper Nomex® 410	• High levels of electrical, chemical and mechanical integrity • High temperature capability and higher levels of reliability • Improved transformer performance and lifecycle	• Power transformers • Distribution transformers • Traction transformers • Motor and generator industry • Applications where prolonged high temperatures are usual