



polyelectric ELECTRICAL INSULATION

Becker Products		Description	Typical Application	Continuous Operating Temperature (C°)	Maximum short Temperature (C°)	Electrical breakdown kV/mm (min.)	Colour **	Thickness mm	Width / ID mm	Applicable Standards
Tapes	B	plain weave of continuous filament PETP yarn	Tape B is employed as consolidating and finishing tape in a wide range of electrical equipment where hand taping is necessary this tape offers little health hazard	Class F 155°C	180 C°	1	2	0,13/0,23	13/20/25/30/50/80	BS6551/2 IEC1068-3
	G	plain wave of high shrink P.E.T. yarn	Tape G is applied throughout the end winding to achieve consolidation	Class F 155°C	200°C	1	2	0,13	13/20/25/30/50	BS EN 61068-3-1
	MB	heavy duty woven P.E.T. yarn	Tape MB can be used where pleasant handling and high temperatures resins permit	Class F 155°C	180°C	1,6	2	0,45	13/20/25/30/50	
	O	woven E glass yarn	especially as a major insulation layer for E/E applications	Class C 220°C	500°C	1	2/3/4/6	0,09/0,13/0,23	13/20/25/30/50/80/100	IEC1067-3-1
	F	woven E glass yarn warp	Tape F is recommended as a replacement for woven polyester tape	Class F 155°C	200°C	0,8	3/4/6	0,09/0,13/0,23	13/20/25/30/50/80/100	IEC1067-3-1
	OT	PTFE coated woven E glass yarn	Tape OT is designed for extreme environments	Class C 220°C	600°C	1,6	2	0,18	13/20/25	PAN6490 / JN
Sleeves	SK	Silicon Elastomer	Silicon rubber without fabric	Class C 200°C	250°C	10	1/2/3 4/5	0,5	1 to 20mm	DIN 40621
	FK	Fluorinated Silicon	Fluorinated silicon rubber without fabric	Class C 250°C	300°C	20	1/2/3 4/5	0,5/1,0	1 to 20mm	
Filament Sleeves	Fila	Mono Filament Sleeve A	Braided mono-filament sleeve from polypropylen	-40 - 150°C	150°C		1	2,0	1,5 to 115mm	DIN 65164 NL
	Fila	Mono Filament Sleeve B	Braided mono-filament from PA 6.6	-40 - 180°C	230°C		1	2,0	1,5 to 115mm	DIN 65164 NL
Tubing	200T	Varnished hose B	Insulating sheath (with fabric) according to DIN 40 620 made from polyester fiber and polyurethan varnish	Class F 155°C	200°C	2,5	1/2/3/4	0,5	2,0 to 25mm	DIN 40621
	SIL	Varnished hose S	Insulating sheath (with fabric) according to DIN 40 620 made from fiber glass varnished with silicon-dispersion	Class C 230°C	300°C	4,0	1/2/3 4/5	0,5	2,0 to 25mm	DIN 40621
	GL	Fiber glass raw hose	Fiber glass braid	Class C 500°C	500°C	0,8	8	0,6	2,0 to 20mm	
	GF	Fiber glass hose	Fiber glass braid. Impregnated with silicon. Cuttproof with double wall	Class C 300°C	350°C	1,6	8	1,2	6,0 to 20mm	