

PROPERTIES OF INSULATING MATERIALS

	PVC	PE	XLPE
<i>Specific gravity (kg/dm³)</i>	1.3 - 1.5	0.92 - 0.97	0.92 - 1.18
<i>Dielectric constant</i>	5 - 8	2.3	2.5
<i>Breaking load (bars) min.</i>	100 - 200	100	125 - 150
<i>Elongation at break min.</i>	1.5	3.5	2
<i>Max. continuous operating temperature (°C)</i>	70 - 105	70	90
<i>Max. short circuit temperature (°C)</i>	160	150	250
<i>Moisture proof</i>	Good	Very Good	Very Good
<i>Flame proof</i>	Very Good	Poor	Poor
<i>Flexibility</i>	Good	Poor	Poor
<i>Insulation resistance, Ki at 20°C (Megohm x km)</i>	5000	> 20.000	> 20.000