

HALOGEN-FREE INSULATION



Features



Flame retardant



Halogen-free



Low smoke



Flexible



Flexible at low temperatures



Oil resistant



Weather / UV resistant

Operating temperature °C

-75 to 115

Oil resistance level

★★★★★

STANDARDS

DIN EN 50363-8 TM7	VDE 0276-604 HM4	DIN VDE 0281 part 14 TM7
IEC 60092-360 SHF 1	VDE 0207 part 24 HM2 HM4	VDE 0250 part 215 HM5
UL 1277 OIL Res I	UL 1277 OIL Res II	IEC 60502-1 ST8

MECHANICAL PROPERTIES

Tensile strength ** N/mm ²	15,0	IC 60811-501
Elongation at break ** %	200	IC 60811-501
Pulley flexing test Cycles	>30.000	EN 50 396 cl. 6.2
Cold bend test - 40 °C -	No cracks	IEC 60811-504
Heat shock 1h at 150 °C	Pass	IEC 60811-509
Hot pressure test pent.% 6h at 120 °C	21	IEC 60811-508

BURNING PROPERTIES

Main burning properties	Unit	Typical value	Test method
LOI	%	40	ASTM D 2863 A
Amount of halogen acid gas	mg/g	<5	IEC 60754-1
Acid gas emission	Unit	Typical value	Test method
Corrosivity ph (min.)	-	6,45	IEC 60754-2
Conductivity (max.)	μS/mm	0,72	IEC 60754-2