

Components

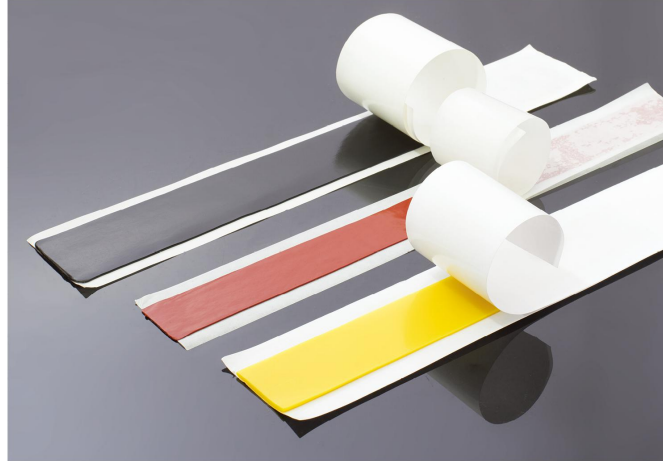
SCM/ATM/BSM

Mastic tape

SCM: Yellow

ATM: Red

BSM: Black



Features

SCM: Stress control mastic

ATM: Anti-tracking mastic

BSM: Black sealing mastic

○ Stress relief

○ Anti-tracking

○ SUV resistance

○ Void filling

○ Void filling

○ Self amalgamating

○ Oil resistance

○ Excellent electrical properties

○ Watertight seal

○ High permittivity

○ Waterproof

○ Excellent electrical properties

Dimensions

Type	Thickness (mm)	Width (mm)	Length (m)
SCM	1.6	25	0.5, 1.5, 30
ATM	0.8	25	1.5, 50
BSM	3.0	38	1.5, 20

Ordering information

Standard packaging	In 0.10m to 0.60m
Ordering description	Specify product name, thickness, width and Length (for example, ATM 1.6-25-100mm)

* Other cutting length are available on request.

Typical technical performances

Test Items	Test Method	Typical Data
SCM stress control mastic		
Density	ASTM D792	1.3 g/m ³
Tensile strength	ASTM D 638	0.1 MPa
Ultimate elongation	ASTM D 638	>1000%
Dielectric strength	IEC 250	≥ 10 kV/mm
Dielectric constant	IEC 250	10-15
Volume resistance	ASTM D 527	10 ⁹ -10 ¹² Ω.cm
50Hz Loss factor(tgδ)		0.035
Service temperature (max)		-20 to +90°C
Adhesive and self-amalgamation		Good
ATM anti-tracking mastic		
Density	ASTM D792	1.2 g/m ³
Tensile strength	ASTM D 638	0.1 MPa
Ultimate elongation	ASTM D 638	>1000%
Dielectric strength	IEC 250	≥ 15 kV/mm
Dielectric constant	IEC 250	3 max.
Volume resistance	ASTM D 527	10 ¹³ Ω.cm
50Hz Loss factor(tgδ)		0.035
Service temperature (max)		-20 to +90°C
Adhesive and self-amalgamation		Good
BSM black sealing mastic		
Density	ASTM D792	1.2 g/m ³
Tensile strength	ASTM D 638	0.1 MPa
Ultimate elongation	ASTM D 638	>1000%
Dielectric strength	IEC 250	≥ 15 kV/mm
Dielectric constant	IEC 250	2-3
Volume resistance	ASTM D 527	10 ¹³ Ω.cm
50Hz Loss factor(tgδ)		0.035
Service temperature (max)		-20 to +90°C
Adhesive and self-amalgamation		Good