



TECHNICAL DATA SHEET

PRODUCT : DSIL 50

- DESCRIPTION** : CONFORMABLE SELF-AMALGAMATING TAPE BASED ON SILICONE RUBBER INTERLEAVED WITH AN EASY TO REMOVE PES FILM. NON TACKY AND EASY TO APPLY AN HANDLE
- USE** : FOR JACKETING HIGH VOLTAGE TERMINATIONS ON DIELECTRIC CABLES,CAN BE USED AS PRIMARY INSULATION FOR LOW (-50°) AND HIGH TEMPERATURE (180°)
- COLOUR** : YELLOW, OTHER COLOURS AVAILABLE ON REQUEST SUBJECT TO MINIMUM QUANTITY
- MAIN FEATURES** : VERY GOOD ELECTRICAL AND PHYSICAL PROPERTIES
THE TAPE AMALGAMATES QUICKLY WHEN APPLIED UNDER TENSION PROVIDING A VOID-FREE HOMOGENEOUS WRAPPING WITHOUT EXTERNAL HEAT.
IT IS HIGHLY RESISTANT TO OZONE.
VERY GOOD HANDLING ALSO WITH VERY LOW TEMPERATURE.

TECHNICAL DATA :

TOTAL THICKNESS	0,50 mm
TENSILE STRENGTH	6,0 MPa
ELONGATION AT BREAK	350%
DIELECTRIC STRENGTH	35 KV \ mm
VOLUME RESISTIVITY	>1013 OHM\cm
HEATH RESISTANCE	-50\ + 180°
OZONE RESISTANCE	VERY GOOD
WEATHER RESISTANCE	VERY GOOD
SELF AMALGAMATING POWER	EXCELLENT

- APPLICATION** : STRIP BACK THE INTERLEAVING FILM AND STRETCH THE TAPE TO REDUCE ITS WIDTH BY ONE THIRD. KEEP THE TAPE UNDER TENSION AND WRAP OVERLAPPING FOLLOWING LAYERS BY ABOUT 50%. FINISH THE WRAPPING BY HOLDING THE TAPE AND SNAP BY STRETCHING IN ORDER TO PREVENT THE INCLUSIONS OF VOID AND ENSURE A RAPID SELF – AMALGAMATION.

THESE AVERAGE VALUES COMING FROM OUR EXPERIENCE AND TESTS, WE ARE ALLOWED TO MODIFY THE PRODUCT.

THE CUSTOMER HAS TO CHECK IF THE PRODUCT IS SUITABLE FOR ITS NEEDS BEFORE USING IT.