

IDENTIFICATION SLEEVE DATA SHEET

GLASS FIBER (V) - POLYURETHANE RESIN (AP)

IDENTIFICATION

VAP

FACTORY:

- NAME ELEXA SRL

- ADDRESS VIA ALLE FABBRICHE N. 20 - 10072 CASELLE TORINESE (TO)

- MARKING (STAMPIGLIATURA)

(FILO DISTINTIVO)

TYPE

FLEXIBLE GLASS BRAID, TYPE E, IMPREGNATED WITH POLYURETHANE RESIN - NOMINAL INSULATION LEVEL 0,7 KV

PECULIARITIES THERMICAL PERFORMANCES: CLASS H STABLE

- WHERE USE IT HEAVY THERMICAL CONDITIONS; LIMITED DIMENSIONAL WORK CONDITIONS; HIGH THERMICAL CONCENTRATION. ELECTRICAL AD GAS COOKERS, LIGHTING, HOVENS, AUTOMATIONS, PRODUCTION MACHINERY.

- WHERE AVOID IT WEAK MECHANICAL VIBRATIONS RESISTANCE

SLEEVE DESCRIPTION

ELECTRICAL INSULATING SLEEVE ,INTERNAL BRAID IN FIBERGLASS, POLYURETHANE RESIN IMPREGNATION THERMAL—CLASS H.
AVAILABLE IN STANDARD TYPE 0,7 KV,

TECHNICAL DATA

MAX OPERATING VOLTAGE: 0,7 KV
EXERCISE TEMPERATURE: 180 GRADES °C
MAX TEMPERATURE: 190 GRADES °C
MINIMUM WORKING TEMPERATURE: -50 GRADES °C
MINIMUM RADIUS BENDING: 6 TIMES MAX ESTERNAL DIAMETER
MAX TRACTION RESISTANCE: 50 N/mmq

MORE INFO

REF. OUR CATALOGUE
or
WEB SITE www.elexa.it

PARTS LIST

FIRST INSULATION: TEXTILE FIBERGLASS BRAIDING
IMPREGNATION: POLYURETHANE RESIN.

RANGE

DIAMETERS AVAILABLE FROM 0,5 UP 24 MM INTERNAL SIZE
STANDARD COLOURS: SINGLE 4 COLOURS
STANDARD OPERATING VOLTAGE: 0,7 KV

GENERAL INFORMATIONS

- GOOD CUT PERFORMANCE
- NORMAL OPERATION IN H THERMAL CLASS
- GOOD PERFORMANCE UP TO 190 °C (SHORT TIME)
- AGE MODIFICATIONS NOT DETECTABLE
- GOOD TRACTION RESISTANCE
- FIBERS IMPREGNATION BETTER THAN 98% OF AVAILABLE VOLUME

TESTS AND REFERENCE NORMS

LABORATORY

TEST	CHECK	METHOD	CYCLE	RESULTS
DIMENSIONAL	DIAM.SINGLE	CEI 20-34	EVERY 100 KM	INTO STANDARD
DIELECTRIC STRENGTH	BREAKDOWN IN LABORATORY	CEI 20-19/2	EVERY 100 KM	NO FAULTS
SURFACE RESISTIVITY	OHMS RESISTANCE	CEI 20-34	EVERY 100 KM	FOLLOWING CEI 20-29
MECHANICAL	ELONGATION AT BREAK	CEI 20-34	EVERY 100 KM	MINIMUM 200 %

PACKAGING

TEST	CHECK	METHOD	CYCLE	RESULTS
DIELECTRIC STRENGTH	SAMPLES ON PACKAGE LINE	CEI 20-19/2	0,01 %	FAULTS ELIMINATION
DIMENSIONAL	DIMENSIONAL RANGE	CEI 20-34	0,01 %	INTO RANGE

ELECTROPHISICAL COMPARATION MAIN SLEEVE TYPES

	VP3.0	VAP	VAS	VGS	ELASIL	PVR	PTR
COMPORAMENTO AL TAGLIO CUT & SHEARING PERFORM. COUPAGE ET DENOUAGE							
FORMAZIONE DI POLVERI POWDERS IN USE PROD. DE POUVRE							
FISSAGGIO DEL RIVESTIMENTO BRAID FIXING FIXATION DU REVETEMENT							
TEMPERATURA DI ESERCIZIO OPERATING TEMPERATURE TEMPERATURE DE SERVICE	-30+155°C	-30+200°C	-50+250°C	-50+200°C	-50+200°C	-30+120°C	-40+140°C
TENSIONE DI ESERCIZIO OPERATING VOLTAGE TENSION DE SERVICE	600 V	220 V	220 V	600 V	600 V	380 V	380 V
TENSIONE DI COLLAUDO TEST VOLTAGE TENSION D'ESSAI	3 KV	0,7 KV	0,7 KV	1/2,5/4 KV	2 KV	2 KV	2 KV
TENSIONE DI PERFORAZIONE BREAKDOWN VOLTAGE TENSION DE CLAQUAGE	> 3 KV	> 1 KV	~ 1 KV	> 5 KV	~ 3 KV	~ 3 KV	~ 3 KV
QUALITA' MECCANICHE MECHANICAL PROPERTIES PROPRIETE' MECANIQUE							
RESISTENZA ALL'ABRASIONE ABRASION RESISTANCE RESISTANCE A L'ABRASION							
RESISTENZA ALLA FIAMMA FIRE RESISTANCE RESISTANCE AU FEU							
RESISTENZA AGLI OLII MINERALI MINERAL OEL RESISTANCE RESISTANCE AUX HUILES							
FLESSIBILITA' FLEXIBILITY FLEXIBILITE'							
IMPERMEABILITA' IMPERMEABILITY ETANCHEITE'							
INVECCHIAMENTO AGEING VEILLISSEMENT							
DIAMETRI LAVORATI mm AVAILABLE SIZES DIAMETRE DISPONIBLES	0,5-10mm	0,5-10	0,35-240	0,35-240	0,35-240	0,35-240	0,5-10
COLORI COLORS COLEURS	4 COL	2 COL	2COL	6 COL	6 COL	5 COL	5 COL