

IDENTIFICATION SLEEVE DATA SHEET

SILICON RUBBER EXTRUDED

IDENTIFICATION

ELASIL

FACTORY:

- NAME ELEXA SRL

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

- MARKING

(STAMPIGLIATURA)

(FILO DISTINTIVO)

TYPE

SILICON RUBBER VULCANIZED - NOMINAL INSULATION LEVEL 4 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 HIGH MECHANICAL VIBRATIONS RESISTANCE

SLEEVE DESCRIPTION

ELECTRICAL INSULATING SLEEVE ,SILICON RUBBER EXTRUDED EI2 THERMAL—CLASS H+.
AVAILABLE IN STANDARD TYPE 4 KV,

TECHNICAL DATA

MAX OPERATING VOLTAGE: 4 KV
EXERCISE TEMPERATURE: 200 GRADES °C
MAX TEMPERATURE: 250 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

SILICON RUBBER VULCANIZED

RANGE

DIAMETERS AVAILABLE FROM 0,5 UP 24 MM INTERNAL SIZE
STANDARD COLOURS: SINGLE 4 COLOURS
STANDARD OPERATING VOLTAGE: UP TO 8 KV

GENERAL INFORMATIONS

- GOOD CUT PERFORMANCE
- NORMAL OPERATION IN H+ THERMAL CLASS
- GOOD PERFORMANCE UP TO 260 °C (SHORT TIME)
- AGE MODIFICATIONS NOT DETECTABLE
- GOOD TRACTION RESISTANCE

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 VIEILLISSEMENT | | | | | | | |
| 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 |