

## IDENTIFICATION SLEEVE DATA SHEET EXPANDABLE BRAID POLYESTER

IDENTIFICATION:

**GTRPA - V2**

FACTORY:

- NAME ELEXA SRL

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

- MARKING

(STAMPIGLIATURA) .....

(FILO DISTINTIVO) .....

TYPE

MONOFILAMENT SLEEVING IN POLYAMIDE 6.6, EXPANDABLE CROSSING BRAID FORMATION. STANDARD DIAMETER INCREASE 100%

PECULIARITIES THERMICAL PERFORMANCES: CLASS B STABLE  
NO HALOGEN CONTENT

- WHERE USE IT HARNESSES PROTECTION, PLASTIC TUBES PROTECTION.  
AUTOMOTIVE, HOUSEHOLD, ELECTRONICS, INDUSTRIAL FIELDS

- WHERE AVOID IT VERY GOOD MECHANICAL PROPERTIES.

## SLEEVE DESCRIPTION

MANUFACTURED WITH POLYAMIDE MONOFILAMENTS, THIS BRAID CAN BE OVEREXPANDED PUSHING BACK MECHANICALLY.

STANDARD EXPANSION LEVEL JOIN THE DOUBLE OF THE NOMINAL DIAMETER.

INCREASING NOMINAL SIZES, ITEMS NEED A PROGRESSIVE REDUCTION OF EXPANSION, JUST TO SAVE WALL THICKNESS AND PROTECTION PERFORMANCES.

### TECNICAL DATA

SPECIFIC WEIGHT	ISO R1183	G/CM <sup>2</sup>	1,14
TRACTION RESISTANCE	ISO 37	KG/ MM <sup>2</sup>	6,00
ELONGATION AT BREAK	ISO 37	%	25 - 30
CONTINUOUS WORK TEMP.		°C	DA -55° A +130°
MAX TEMP. SHORT PERIOD		°C	+ 150°
MELTING POINT		°C	+ 255°
SOFTENING TEMP.		°C	+2225°
OXYGEN INDEX	ASTM D2863	%	NO
AUTOEXTINGUISHING			U.L. 94-V2
HALOGEN CONTENTS		%	NO
WATER ABSORPTION	ASTM D570	%	3 max
RESISTANCE TO CHEMICAL AGENTS			WEAK
U.V. RESISTANCE			GOOD

### MORE INFO

REF. OUR CATALOGUE OR  
WEB SITE [www.elexa.it](http://www.elexa.it)

### PARTS LIST

BRAIDED SLEEVE OF MULTIPLE MONOFILAMENTS

### OUT OF STANDARD

DIMENSIONAL VARIATIONS AND EXPANSION LEVELS

## GENERAL INFORMATIONS

- GOOD CUT PERFORMANCE
- NORMAL OPERATION IN B THERMAL CLASS
- GOOD PERFORMANCE UP TO 135 °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	NO	NO FAULTS
SURFACE RESISTIVITY	OHMS RESISTANCE	CEI 20-34	NO	FOLLOWING CEI 20-29
MECANICAL	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	NO	FAULTS ELIMINATION
DIMENSIONAL	DIMENSIONAL RANGE	CEI 20-34	0,01 %	INTO RANGE

## PERFORMANCES COMPARATION

	HB	V0	V2
<b>COMPORTAMENTO AL TAGLIO</b> CUT & SHEARING PERFORM. COUPAGE ET DENOUAGE			
<b>FORMAZIONE DI POLVERI</b> POWDERS IN USE PROD. DE POUFRE			
<b>FISSAGGIO DEL RIVESTIMENTO</b> BRAID FIXING FIXATION DU REVETEMENT			
<b>TEMPERATURA DI ESERCIZIO</b> OPERATING TEMPERATURE TEMPERATURE DE SERVICE	-30+150°C	-30+155°C	-50+130°C
<b>TENSIONE DI ESERCIZIO</b> OPERATING VOLTAGE TENSION DE SERVICE	NO	NO	NO
<b>TENSIONE DI COLLAUDO</b> TEST VOLTAGE TENSION D'ESSAI	NO	NO	NO
<b>TENSIONE DI PERFORAZIONE</b> BREAKDOWN VOLTAGE TENSION DE CLAQUAGE	NO	NO	NO
<b>QUALITA' MECCANICHE</b> MECHANICAL PROPERTIES PROPRIETE' MECANIQUE			
<b>RESISTENZA ALL'ABRASIONE</b> ABRASION RESISTANCE RESISTANCE A L'ABRASION			
<b>AUTOESTINGUENZA</b> FIRE EXTINGUISHING RESISTANCE AU FEU			
<b>RESISTENZA AGLI OLII MINERALI</b> MINERAL OEL RESISTANCE RESISTANCE AUX HUILES			
<b>FLESSIBILITA'</b> FLEXIBILITY FLEXIBILITE'			
<b>IMPERMEABILITA'</b> IMPERMEABILITY ETANCHEITE'			
<b>INVECCHIAMENTO</b> AGEING VEILLISSEMENT			
<b>DIAMETRI LAVORATI mm</b> AVAILABLE SIZES DIAMETRE DISPONIBLES	3-50mm	3-50mm	3-50mm
<b>COLORI</b> COLORS COLEURS	2 COL	2 COL	2 COL