

IDENTIFICATION SLEEVE DATA SHEET EXPANDABLE BRAID POLYESTER

IDENTIFICATION:

GTRPE - HB

FACTORY:

- NAME ELEXA SRL

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

- MARKING

(STAMPIGLIATURA)

(FILO DISTINTIVO)

TYPE

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

PECULIARITIES THERMICAL PERFORMANCES: CLASS F 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 POLYESTER 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 ²	1,38
TRACTION RESISTANCE	ISO 37	KG/ MM ²	4,80
ELONGATION AT BREAK	ISO 37	%	28 - 35
CONTINUOUS WORK TEMP.		°C	DA -50° A +150°
MAX TEMP. SHORT PERIOD		°C	+ 170°
MELTING POINT		°C	+ 260°
SOFTENING TEMP.		°C	+230°
OXYGEN INDEX	ASTM D2863	%	NO
AUTOEXTINGUISHING			U.L. 94-HB
HALOGEN CONTENTS		%	NO
WATER ABSORPTION	ASTM D570	%	0,5 max
RESISTANCE TO CHEMICAL AGENTS			GOOD
U.V. RESISTANCE			GOOD

MORE INFO

REF. OUR CATALOGUE OR
WEB SITE 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
COMPORTAMENTO AL TAGLIO CUT & SHEARING PERFORM. COUPAGE ET DENOUAGE			
FORMAZIONE DI POLVERI POWDERS IN USE PROD. DE POUFRE			
FISSAGGIO DEL RIVESTIMENTO BRAID FIXING FIXATION DU REVETEMENT			
TEMPERATURA DI ESERCIZIO OPERATING TEMPERATURE TEMPERATURE DE SERVICE	-30+150°C	-30+155°C	-50+130°C
TENSIONE DI ESERCIZIO OPERATING VOLTAGE TENSION DE SERVICE	NO	NO	NO
TENSIONE DI COLLAUDO TEST VOLTAGE TENSION D'ESSAI	NO	NO	NO
TENSIONE DI PERFORAZIONE BREAKDOWN VOLTAGE TENSION DE CLAQUAGE	NO	NO	NO
QUALITA' MECCANICHE MECHANICAL PROPERTIES PROPRIETE' MECANIQUE			
RESISTENZA ALL'ABRASIONE ABRASION RESISTANCE RESISTANCE A L'ABRASION			
AUTOESTINGUENZA FIRE EXTINGUISHING 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	3-50mm	3-50mm	3-50mm
COLORI COLORS COLEURS	2 COL	2 COL	2 COL