
DATI TECNICI

TECHNICAL DATA

DATI TECNICI GENERALI

General Technical Data

CARATTERISTICHE DIMENSIONALI CAVI MULTIPLI MULTIPLE CABLES TECHNICAL DATA

SEZIONE NOMINALE mm ²	FORMAZIONE N. e Ø DEI FILI mm	Cu - Kg per 1000 mt.	SPESSORE ISOLANTE mm	SPESSORE GUAINA mm	Ø ESTERNO max ca. mm
NOMINAL SECTION mm ²	COMPOSITION CABLES No. / Ø mm	Cu - Kg per 1000 mt.	INSULATION THICKNESS mm	SHEATH THICKNESS mm	EXTERNAL Ø mm
2 x 0.50	18 x 0.20	9.60	0.6	0.7	5.4
3 x 0.50		14.4	0.6	0.7	5.9
4 x 0.50		19.2	0.6	0.7	6.4
2 x 0.75	24 x 0.20	14.4	0.6	0.8	6.4
3 x 0.75		21.6	0.6	0.8	6.8
4 x 0.75		28.8	0.6	1.0	7.8
5 x 0.75		36.0	0.6	1.0	8.5
6 x 0.75		43.2	0.6	1.0	9.2
7 x 0.75		50.4	0.6	1.0	9.2
2 x 1	32 x 0.20	19.2	0.6	0.8	6.6
3 x 1		23.8	0.6	1.0	7.4
4 x 1		38.4	0.6	1.0	8.0
5 x 1		48.0	0.6	1.0	8.8
6 x 1		57.6	0.6	1.0	9.5
7 x 1		67.2	0.6	1.0	9.5
2 x 1.5	30 x 0.25	28.8	0.6	1.0	7.6
3 x 1.5		43.2	0.6	1.0	8.0
4 x 1.5		57.6	0.6	1.0	8.8
5 x 1.5		72.0	0.6	1.0	9.6
6 x 1.5		86.4	0.6	1.0	10.4
7 x 1.5		100.8	0.6	1.0	10.4
8 x 1.5		115.2	0.6	1.2	11.8
12 x 1.5		172.8	0.6	1.3	14.0
14 x 1.5		201.6	0.6	1.4	14.6
18 x 1.5		259.2	0.6	1.6	17.0
24 x 1.5	345.6	0.6	1.6	19.0	
2 x 2.25	50 x 0.25	48.0	0.7	1.2	9.2
3 x 2.25		72.0	0.7	1.2	9.7
4 x 2.25		96.0	0.7	1.2	10.6
5 x 2.25		120.0	0.7	1.2	11.6
6 x 2.25		144.0	0.7	1.2	12.6
7 x 2.25	168.0	0.7	1.2	12.6	
2 x 4	56 x 0.30	76.0	0.8	1.2	10.8
3 x 4		114.0	0.8	1.2	11.4
4 x 4		152.0	0.8	1.5	13.1
5 x 4		190.0	0.8	1.5	14.4
7 x 4		266.0	0.8	1.8	16.2
2 x 6	84 x 0.30	116.0	0.8	1.5	13.4
3 x 6		174.0	0.8	1.5	14.2
4 x 6		232.0	0.8	1.6	16.2
5 x 6		290.0	0.8	1.6	17.7
6 x 6		406.0	0.8	1.8	19.2
2 x 10	80 x 0.40	192.0	1.0	1.6	16.5
3 x 10		288.0	1.0	1.6	17.8
4 x 10		384.0	1.0	1.8	20.0

TEMPERATURE DI ESERCIZIO MATERIALI MATERIALS WORKING TEMPERATURES

ISOLANTE	TEMPERATURA °C min ÷ max	CLASSE
INSULATION	TEMPERATURE °C min ÷ max	CLASS
GOMMA SILICONE SILICONE RUBBER	-50 ÷ +180 → +300	H → C ⁺
POLIESTERE FIBRA POLYESTER FIBRE	-30 ÷ +150	F
POLIESTERE FILM MYLAR® POLYESTER FILM MYLAR®	-60 ÷ +150	F
ARAMIDE NOMEX®	-60 ÷ +220	H ⁺
POLIAMMIDE KAPTON® POLYAMIDE KAPTON®	-50 ÷ +400	400
FIBRA DI VETRO FIBERGLASS	-80 ÷ +350	350
TEFZEL EFTE	-100 ÷ +150	F
TEFLON FEP	-100 ÷ +210	H ⁺
TEFLON PTFE	-200 ÷ +260	C ⁺
POLIURETANO POLYURETHANE	-30 ÷ +160	F ⁺
ESTEREIMMIDE POLYIMIDE	-40 ÷ +200	H ⁺
SILICONE SILICONE	-40 ÷ +250	C ⁺
SILICONE ELASTOMERO SILICONE ELAST.	-80 ÷ +250	C ⁺

CLASSI DI TEMPERATURA T° CLASSES

Y	A	E	B	F	H	C
80 °C	105 °C	120 °C	130 °C	155 °C	180 °C	250 °C

TEMPERATURA MAX CONDUTTORI MAX. T° CONDUCTORS

RAME NUDO RICOTTO RED COPPER	130 °C
RAME STAGNATO TINNED COPPER	180 °C
RAME ARGENTATO SILVER-PLATED COPPER	200 °C
RAME NICHELATO NICKEL-PLATED COPPER	300 °C
NICHEL 99 NICKEL 99	600 °C

DATI TECNICI CONDUTTORI
CONDUCTORS TECHNICAL DATA

SEZIONE mm	FORMAZIONE	PESO RAME Cu - Kg Km	CARICO MAX MULTI CORE Ampere	CARICO MAX SINGLE CORE Ampere	Ø CONDUTTORE mm	RESISTIVITA' LINEARE Ω / Km	RESIST. LINEARE RAME STAGNATO Ω / Km
SECTION mm	COMPOSITION	COOPER WEIGHT Cu - Kg Km	MAX LOAD MULTI CORE Ampere	MAX LOAD SINGLE CORE Ampere	Ø CONDUCTOR mm	RESISTIVITY Ω / Km	RESISTIVITY TINNED COPPER Ω / Km
0.50	16 X 0.20	4.80	6	12	0.9	39.0	40.1
0.75	24 X 0.20	7.20	9	16	1.1	26.0	26.7
1.00	32 X 0.20	9.60	12	20	1.3	19.5	20.0
1.50	30 X 0.25	14.4	16	25	1.6	13.3	13.7
2.50	50 X 0.25	24.0	21	34	2.0	7.98	8.21
4.00	56 X 0.30	38.0	27	45	2.6	4.95	5.09
6.00	84 X 0.30	58.0	35	57	3.1	3.30	3.39
10.0	80 X 0.40	96.0	48	78	4.1	1.91	1.95
16.0	128 X 0.40	154.0	65	104	5.6	1.21	1.24
25.0	200 X 0.40	260.0	88	137	7.0	0.78	0.79
35.0	280 X 0.40	346.0	110	168	8.3	0.55	0.56
50.0	400 X 0.40	490.0	140	210	9.9	0.38	0.39
70.0	560 X 0.40	672.0	175	260	11.6	0.27	0.28
95.0	480 X 0.50	835.0	210	310	13.6	0.20	0.21
120.0	610 X 0.50	1160.0	250	365	15.5	0.160	0.165
150.0	760 X 0.50	1480.0	-	415	17.3	0.129	0.132
185.0	950 X 0.50	1810.0	-	475	19.1	0.106	0.108
240.0	1220 X 0.50	2305.0	-	640	21.8	0.080	0.082

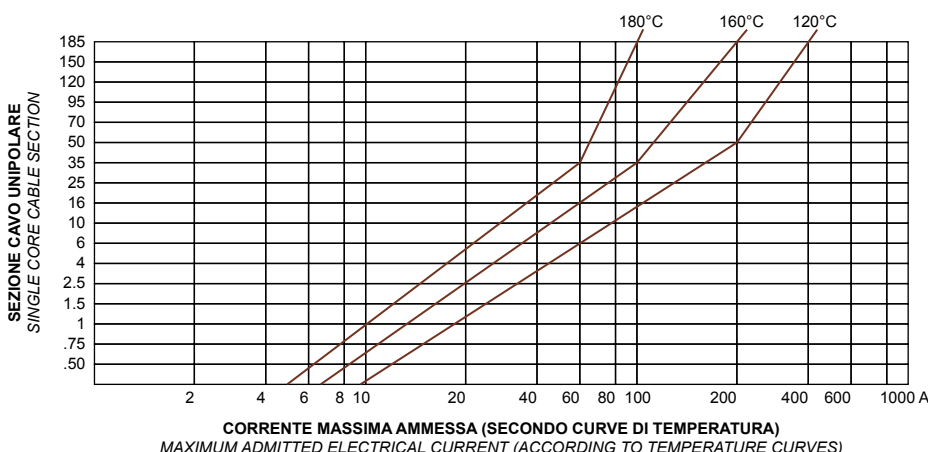
COMPORTAMENTO DELLA GOMMA DI SILICONE RISPETTO AD ALCUNI PRODOTTI CHIMICI
REACTION OF SILICON RUBBER TO SOME CHEMICALS

PRODOTTO	TEMPERATURA °C X 168 ORE	VAR. DUREZZA %	RIGONFIAMENTO %	GIUDIZIO DI IMPIEGO
CHEMICAL	TEMPERATURE °C X 168 HOURS	HARDNESS VAR. %	SWELLING %	COMMENTS
Acetone - Acetone	20	- 10	+ 15	idoneo - suitable
Acqua - Water	100	+ 1.0	+ 0.2	idoneo - suitable
Butanolo - Butanol	117	- 30	+ 60	cautela - caution
Acido nitrico - Nitric acid	20	+ 1.0	+ 0.5	cautela - caution
Acido cloridrico - Hydrochloric acid	20	0	± 0.5	idoneo - suitable
Acido solforico - Sulfuric acid	20	+ 2.0	+ 0.2	idoneo - suitable
Benzina - Gasoline	20	+ 150	- 22	cautela - caution
Clophen - Clophen	150	- 6	+ 15	idoneo - suitable
Difenile - Ripheny	150	- 12	+ 26	cautela - caution
Fluido frenaggio - Brake fluid	20	0	+ 2.5	idoneo - suitable
Glicerina - Glycerol	100	- 1.0	+ 0.6	idoneo - suitable
Olio trasformatori - Transformer oil	150	- 40	+ 55	cautela - caution
Olio motore SAE - SAE motor oil	150	- 10	+ 10	idoneo - suitable
Olio minerale SAE - SAE mineral oil	150	- 17	+ 5.0	idoneo - suitable
Perclorato di sodio - Sodium perchlorate	20	- 1.0	- 0.5	idoneo - suitable
Soda caustica - Caustic soda	20	- 3.0	- 1.7	idoneo - suitable
Tetracloruro di carbonio - Carbon tetrachloride	20	- 14	+ 250	cautela - caution

CARATTERISTICHE DEI METALLI E TEMPERATURE MASSIME IN ATMOSFERA OSSIDANTE METALS' CHARACTERISTICS AND MAXIMUM TEMPERATURES IN OXIDISING ATMOSPHERE

TIPOLOGIA CONDUTTORE	SIGLA	T MAX IN ATM OSSIDANTE °C	CARICO DI ROTTURA N/mm ²	ELASTICITA'	PESO SPECIFICO g/cm ³	COEFF. DILATAZIONE LINEARE X 10 ⁻³ /°C	CONDUCIBILITA' TERMICA W/(m °C)	RESISTIVITA' 20°C Ω/km / mm ²
CONDUCTOR TYPE	ACRONYM	T MAX IN OXIDISING ATM °C	BREAKING LOAD N/mm ²	FLEXIBILITY	SPECIFIC WEIGHT g/cm ³	LINEAR COEFF. OF EXPANSION X 10 ⁻³ /°C	THERMAL CONDUCTIVITY W/(m °C)	RESISTIVITY 20°C Ω/km / mm ²
Rame nudo	Cu	150	300	130	8.89	0.0165	395	1.724
Rame stagnato	Cu Sn	180	300	130	8.89	0.0165	395	1.752
Rame argentato	Cu Ag	200	300	130	8.89	0.0165	395	1.724
Rame nichelato	Cu Ni	300	300	130	8.89	0.0165	395	1.760
Acciaio	Fe	180	370-420	170	7.8	0.0117	73	117
Acciaio Inox	AISI 304	600	500-700	200	7.9	0.016	15	819
Nichel	Ni 99	600	720	200	8.9	0.0133	74.9	100

CARICO MASSIMO CONDUTTORI SINGOLI MAXIMUM LOAD SINGLE CONDUCTORS



Le correnti indicate nel diagramma sono da considerarsi le **MASSIME AMMESSE IN ESERCIZIO CONTINUO**.

Altresì si consideri che i conduttori utilizzati in ambienti a temperature inferiori **POSSONO ESSERE SOVRACCARICATI** di un margine tale da fungere essi stessi da generatori di calore.

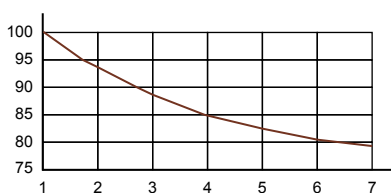
Questo margine è decisamente ampio, in dipendenza della possibilità del cavo di smaltire il calore prodotto. **COMUNQUE DA MONITORARE** fino al raggiungimento dei limiti di incrocio delle curve.

*The electrical currents in this diagram have to be considered as the **MAXIMUM ALLOWED IN A CONTINUOUS WORKING CYCLE**.*

*Furthermore consider that the employed conductors in lower temperature environments **COULD BE OVERLOADED** as much as to become themselves heat generators.*

*This overload margin is very wide, depending on the wire's capability of disposing of the produced heat. In any case, **IT NEEDS TO BE MONITORED** until it reaches the curves' crossing limits.*

RIDUZIONE % DEL MASSIMO CARICO PER MULTIPOLARI CORDATI % REDUCTION OF MAXIMUM LOAD FOR MULTICORE CABLE



Le correnti indicate nel diagramma sono da considerarsi le **MASSIME AMMESSE IN ESERCIZIO CONTINUO**.

Non è consigliabile la considerazione ambientale di cui sopra per la presenza di squilibri di fase, presenza del neutro e del conduttore a terra.

*The electrical currents in this diagram have to be considered as the **MAXIMUM ALLOWED IN A CONTINUOUS WORKING CYCLE**.*

Not to be considered the environment factor, same as above, because of phase imbalances presence, neutral presence and earthing conductor system.

TABELLA AWG

AWG chart

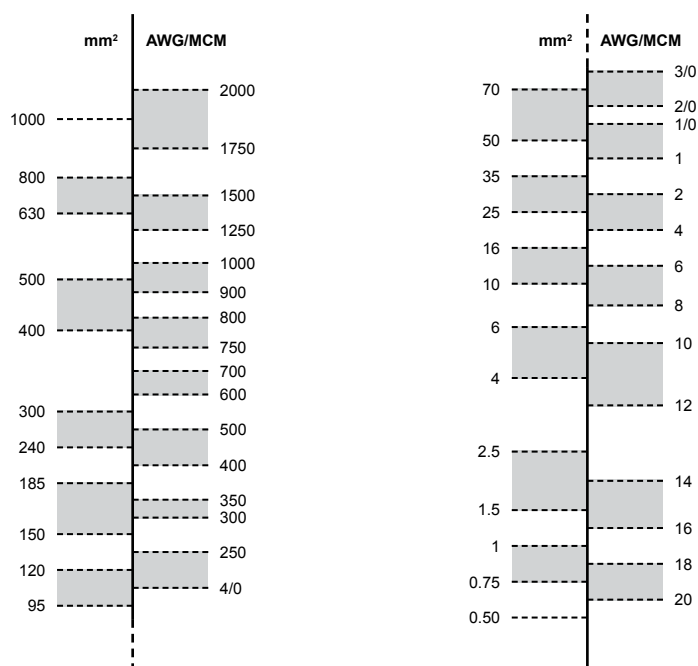
TAVOLA DI CONVERSIONE AWG / mm²
CONVERSION CHART AWG / mm²

AWG	DIAMETRO Ø DIAMETER Ø			SEZIONE CROSS SECTIONAL AREA			RESISTENZA OHMICA A 20°C D.C. RESISTANCE AT 20°C		PESO WEIGHT	
	inches	mils	mm	sq. inches	circ. mils	sq. mm (mm ²)	ohms / MFT	ohms / km	lbs / MFT	g / m
44	.0020	2.0	.0508	.00000314	4.00	.0020	2590	8498	.0121	.0180
43	.0022	2.2	.0559	.00000380	4.84	.0025	2140	7021	.0147	.0218
42	.0025	2.5	.0635	.00000491	6.25	.0032	1660	5446	.0189	.0281
41	.0028	2.8	.0711	.00000618	7.84	.0039	1320	4330	.0237	.0352
40	.0031	3.1	.0799	.00000755	9.61	.0049	1080	3540	.0291	.0433
39	.0035	3.5	.0897	.00000962	12.3	.0062	847	2780	.0371	.0552
38	.0040	4.0	.101	.0000126	16.0	.0081	648	2130	.0484	.0720
37	.0045	4.5	.113	.0000159	20.3	.0103	512	1680	.0613	.0912
36	.0050	5.0	.127	.0000196	25.0	.0127	415	1360	.0757	.1126
35	.0056	5.6	.143	.0000246	31.4	.159	331	1080	.0949	.1412
34	.0063	6.3	.160	.0000312	39.7	.0201	261	857	.120	.1785
33	.0071	7.1	.180	.0000396	50.4	.0255	206	675	.153	.2276
32	.0080	8.0	.202	.0000503	64.0	.0324	162	532	.194	.2886
31	.0089	8.9	.227	.0000622	79.2	.0401	131	430	.240	.3571
30	.0100	10.0	.255	.0000785	100	.0507	104	340	.303	.4508
29	.0113	11.3	.286	.000100	128	.0649	81.2	266	.387	.5758
28	.0126	12.6	.321	.000125	159	.0806	65.3	214	.481	.7157
27	.0142	14.2	.361	.000158	202	.102	51.4	169	.610	.9076
26	.0159	15.9	.405	.000199	253	.128	41.0	135	.765	1.1383
25	.0179	17.9	.455	.000252	320	.162	32.4	106	.970	1.4433
24	.0201	20.1	.511	.000317	404	.205	25.7	84.2	1.22	1.8153
23	.0226	22.6	.573	.000401	511	.259	20.3	66.6	1.55	2.3064
22	.0253	25.3	.644	.000503	640	.324	16.2	53.2	1.94	2.8867
21	.0285	28.5	.723	.000638	812	.411	12.8	41.9	2.46	3.6604
20	.0320	32.0	.812	.000804	1020	.519	10.1	33.2	3.10	4.6128
19	.0359	35.9	.912	.00101	1290	.653	8.05	26.4	3.90	5.8032
18	.0403	40.3	1.024	.00128	1620	.823	6.39	21.0	4.92	7.3209
17	.0453	45.3	1.150	.00161	2050	1.04	5.05	16.6	6.21	9.2404
16	.0508	50.8	1.291	.00203	2580	1.31	4.02	13.2	7.81	11.6212
15	.0571	57.1	1.450	.00256	3260	1.65	3.18	10.4	9.87	14.6865
14	.0641	64.1	1.628	.00323	4110	2.08	2.52	8.28	12.4	18.4512
13	.0720	72.0	1.828	.00407	5180	2.63	2.00	6.56	15.7	23.3616
12	.0808	80.8	2.053	.00513	6530	3.31	1.59	5.21	19.8	29.4624
11	.0907	90.7	2.305	.00646	8230	4.17	1.26	4.14	24.9	37.0512
10	.1019	101.9	2.588	.00815	10380	5.26	.9988	3.277	31.4	46.7232
9	.1144	114.4	2.906	.01028	13090	6.63	.7925	2.600	39.6	58.9248
8	.1285	128.5	3.264	.01297	16510	8.37	.6281	2.061	50.0	74.4000
7	.1443	144.3	3.665	.01635	20820	10.55	.4981	1.634	63.0	93.7440
6	.1620	162.0	4.115	.02061	26240	13.30	.3952	1.296	79.4	118.1472
5	.1819	181.9	4.621	.02599	33090	16.77	.3134	1.028	100	148.8
4	.2043	204.3	5.189	.03278	41740	21.15	.2485	.8152	126	187.488
3	.2294	229.4	5.827	.04133	52620	26.67	.1971	.6466	159	235.592
2	.2576	257.6	6.544	.05212	66360	33.62	.1563	.5128	201	299.088
1	.2893	289.3	7.348	.06573	83690	42.41	.1239	.4065	253	376.464
1/0	.3249	324.9	8.252	.08291	105600	53.49	.09825	.3223	319	474.672
2/0	.3648	364.8	9.266	.1045	133100	67.43	.07793	.2557	403	599.664
3/0	.4096	409.6	10.404	.1318	167800	85.01	.06182	.2028	508	755.904
4/0	.4600	460.0	11.684	.1662	211600	107.22	.04901	.1608	641	953.808

FORMAZIONI POSSIBILI IN AWG
AWG STRANDING RANGE

AWG	SEZIONE CROSS SECTIONAL AREA	FORMAZIONI POSSIBILI IN AWG AWG STRANDING RANGE			
	sq. mm (mm ²)	1	2	3	4
24	.205	7 AWG 32	19 AWG 36	-	-
22	.324	7 AWG 30	16 AWG 34	19 AWG 34	-
20	.519	7 AWG 28	10 AWG 30	19 AWG 32	26 AWG 34
18	.823	7 AWG 27	16 AWG 30	19 AWG 30	41 AWG 34
16	1.31	7 AWG 24	19 AWG 29	26 AWG 30	65 AWG 34
14	2.08	19 AWG 28	41 AWG 30	104 AWG 42	-
12	3.31	49 AWG 29	65 AWG 30	-	-
10	5.26	26 AWG 24	104 AWG 30	259 AWG 34	-
8	8.37	133 AWG 29	168 AWG 30	420 AWG 34	-
6	13.30	133 AWG 27	266 AWG 30	665 AWG 34	-
4	21.15	420 AWG 30	1064 AWG 34	-	-
2	33.62	665 AWG 30	1666 AWG 34	-	-
1	42.41	259 AWG 25	836 AWG 30	2170 AWG 34	-
1/0	53.49	1064 AWG 30	2646 AWG 34	-	-
2/0	67.43	1323 AWG 30	3225 AWG 34	-	-
3/0	85.01	1666 AWG 30	4256 AWG 34	-	-
4/0	107.22	2107 AWG 30	5320 AWG 42	-	-

EQUIVALENZE METRICHE / AWG
METRIC / AWG EQUIVALENCES



DETTAGLI PRODOTTI

PRODUCTS DETAILS

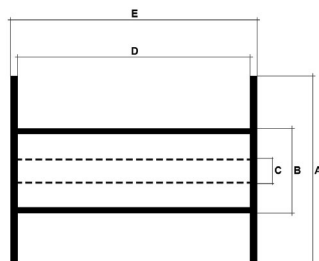
PEZZATURE PRODOTTI

PRODUCTS PACKAGING

sezione mm ²	MATASSE	BOBINE CARTONE	BOBINE PLAST. DIN400	BOBINE PLAST. DIN500	FUSTO h 400	FUSTO h 800	BOBINE LEGNO DIN600	BOBINE LEGNO DIN700	BOBINE LEGNO DIN800
section mm ²	COILS	CARDBOARD REELS	PLASTIC REELS DIN400	PLASTIC REELS DIN500	BARREL h 400	BARREL h 800	WOODEN REELS DIN600	WOODEN REELS DIN700	WOODEN REELS DIN800
0.50	100	2000	2000	2000	4000	8000	-	-	-
0.75	100	1500	1500	1500	3000	6000	-	-	-
1.00	100	1500	1500	1500	3000	6000	-	-	-
1.50	100	1200	1200	1200	2400	4800	-	-	-
2.50	100	800	800	800	1600	3200	-	-	-
4.00	100	500	500	500	1000	2000	-	-	-
6.00	100	300	300	300	600	1200	-	-	-
10.0	100	-	-	-	-	-	rqst	rqst	rqst
16.0	100	-	-	-	-	-	rqst	rqst	rqst
25.0	100	-	-	-	-	-	rqst	rqst	rqst
35.0	100	-	-	-	-	-	rqst	rqst	rqst
50.0	50	-	-	-	-	-	rqst	rqst	rqst
70.0	50	-	-	-	-	-	rqst	rqst	rqst
95.0	25	-	-	-	-	-	rqst	rqst	rqst
120.0	25	-	-	-	-	-	rqst	rqst	rqst

IMBALLAGGI

PACKAGING



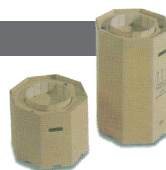
	BOBINE - REELS					
	CARDBOARD	PLASTIC DIN400	PLASTIC DIN500	WOOD DIN600	WOOD DIN700	WOOD DIN800
A	400 mm	400 mm	500 mm	600 mm	700 mm	800 mm
B	200 mm	200 mm	300 mm	250 mm	300 mm	400 mm
C	32 mm	32 mm	42 mm	80 mm	80 mm	80 mm
D	200 mm	200 mm	300 mm	330 mm	300/400 mm	400 mm
E	210 mm	230 mm	330 mm	350 mm	320/420 mm	470 mm
VOLUME	9.5 lt	18.7 lt	38 lt	46 lt	94/125 lt	150.7 lt



MATASSA - COIL



FUSTI - BARRELS



	F 400	F 800
ALTEZZA	400 mm	800 mm
LARGHEZZA	49 mm	49 mm
Ø FORO	30 mm	30 mm

APPLICAZIONI

APPLICATIONS

ILLUMINAZIONE LIGHTING	ELETTRODOMESTICI HOUSEHOLD APPLIANCES	ELETTRONICA ELECTRONICS
ELETTROMECCANICA ELECTRO-MECHANICS	INDUSTRIA INDUSTRY	POTENZA / ENERGIA POWER / ENERGY
FORNI, STUFE, RADIATORI ELETTRICI FURNACES, OVENS, ELECTRIC RADIATORS	ELETTROMEDICALE ELECTRO-MEDICAL	FOTOVOLTAICO PHOTOVOLTAIC
APP. CON RESISTENZA ELETTRICA ELECTRIC RESISTOR APPLICATIONS	FERROVIARIO / NAVALE RAIL ROAD AND SHIP CONSTRUCTION	

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DATI TECNICI GUAINE

BRAIDED SLEEVES TECHNICAL DATA

CE

CARATTERISTICHE

Features

CARATTERISTICHE DELLE GUAINE ELEXA

Le guaine trecciate ELEXA sono prodotte con monofilato di prima qualità certificata all'origine.

Le guaine sono espandibili radialmente mediante un'azione di compressione longitudinale fino a raggiungere il doppio del diametro nominale. Tale caratteristica facilita l'inserimento dei cavi elettrici da proteggere.

Le guaine sono disponibili nei colori standard nero e grigio. Altri colori possono essere prodotti in funzione della quantità.

La guaina GTRVO è riconoscibile dalle altre guaine per il filamento di differente colore inserito durante le operazioni di trecciatura.

Elexa è in grado, inoltre, di fornire il prodotto pretagliato secondo le esigenze del cliente.

ELEXA'S SLEEVES CHARACTERISTICS

ELEXA's braided sleeves are manufactured with first quality single filament.

The sleeves are radially expandable by means of a longitudinal movement that allows to obtain double its diameter. This characteristic eases the insertion of the electrical cables that need protection.

The sleeves are available in standard colours black and grey. Other ones can be produced based on volumes needed.

GTRVO sleeve is easily indentifiable from others due to the different colour filament inserted while braiding it.

Elexa is also capable of supplying pre-cut lengths according to customer requirements.

CONFEZIONE "MINI ROLL"

La particolare confezione delle guaine trecciate ELEXA è stata studiata per offrire all'utilizzatore la massima praticità.

Caratteristiche:

- La guaina si svolge dall'interno della scatola agevolmente e senza aggrovigliarsi.
- Il prodotto racchiuso nel suo imballo è protetto dalla polvere ed è sempre pronto all'uso.
- Le eventuali differenti colorazioni delle confezioni consentono di identificare facilmente la tipologia del materiale contenuto:

Trasparente = Poliammide 6.6 U.L. 94-V2

Verde = Poliestere U.L. 94-HB

Blu = Poliestere U.L. 94-V0

"MINI ROLL" PACKAGING

ELEXA's braided sleeves packaging was designed very carefully to offer to the consumer a practical and functional product.

Characteristics:

- *The sleeve is easily unrolled from inside the box without wrapping itself up.*
- *The product is enclosed in the package, protected from dust, and ready to use at any time.*
- *Potential differences in packaging colours are due to the identification system of the different sleeves typologies:*

Trasparente = Polyamide 6.6 U.L. 94-V2

Green = Polyester U.L. 94-HB

Blue = Polyester U.L. 94-V0

DATI TECNICI GENERALI

General Technical Data









TEMPERATURE DI ESERCIZIO MATERIALI MATERIALS WORKING TEMPERATURES

ISOLANTE	TEMPERATURA °C min ÷ max	CLASSE
INSULATION	TEMPERATURE °C min ÷ max	CLASS
GOMMA SILICONE SILICONE RUBBER	-50 ÷ +180 → +300	H → C*
POLIESTERE FIBRA POLYESTER FIBRE	-30 ÷ +150	F
POLIESTERE FILM MYLAR® POLYESTER FILM MYLAR®	-60 ÷ +150	F
ARAMIDE NOMEX®	-60 ÷ +220	H*
POLIAMMIDE KAPTON® POLYAMIDE KAPTON®	-50 ÷ +400	400
FIBRA DI VETRO FIBERGLASS	-80 ÷ +350	350
TEFZEL EFTE	-100 ÷ +150	F
TEFLON FEP	-100 ÷ +210	H*
TEFLON PTFE	-200 ÷ +260	C*
POLIURETANO POLYURETHANE	-30 ÷ +160	F*
ESTEREIMMIDE POLYIMIDE	-40 ÷ +200	H*
SILICONE SILICONE	-40 ÷ +250	C*
SILICONE ELASTOMERO SILICONE ELAST.	-80 ÷ +250	C*

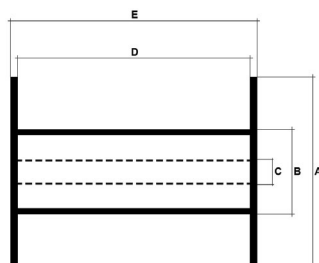
CLASSI DI TEMPERATURA T° CLASSES

Y	A	E	B	F	H	C
80 °C	105 °C	120 °C	130 °C	155 °C	180 °C	250 °C

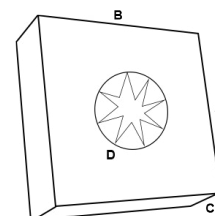
APPLICAZIONI APPLICATIONS

	ILLUMINAZIONE LIGHTING
	ELETTROMECCANICA ELECTRO-MECHANICS
	FORNI, STUFE, RADIATORI ELETTRICI FURNACES, OVENS, ELECTRIC RADIATORS
	APP. CON RESISTENZA ELETTRICA ELECTRIC RESISTOR APPLICATIONS
	ELETTRODOMESTICI HOUSEHOLD APPLIANCES
	INDUSTRIA INDUSTRY
	ELETTROMEDICALE ELECTRO-MEDICAL
	FERROVIARIO / NAVALE RAIL ROAD AND SHIP CONSTRUCTION
	ELETRONICA ELECTRONICS
	POTENZA / ENERGIA POWER / ENERGY
	FOTOVOLTAICO PHOTOVOLTAIC

IMBALLAGGI PACKAGING



	BOBINE - REELS		
	CARDBOARD	PLASTIC DIN400	PLASTIC DIN500
A	400 mm	400 mm	500 mm
B	200 mm	200 mm	250 mm
C	32 mm	32 mm	42 mm
D	200 mm	200 mm	300 mm
E	210 mm	230 mm	330 mm
VOLUME	9.5 lt	18.7 lt	44 lt



MATASSA - COIL



MINI ROLL BOX

A	260 mm
B	260 mm
C	100 mm
Ø D	100 mm

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