



Pre-printed Cable Markers

• ABR-Markers

Features and Benefits

These semi-severed markers are highly elastic (up to 400% of supplied internal diameter) and will fit tightly onto a wide range of wire sizes.

The embossed characters give excellent visibility due to the prominence of the character ensuring high visibility in areas prone to dirt and debris.

They can be supplied either semi severed in a strip form (easy to tear off by hand) or fully severed as individual markers. The markers are applied using series NA or VA applicator tools.

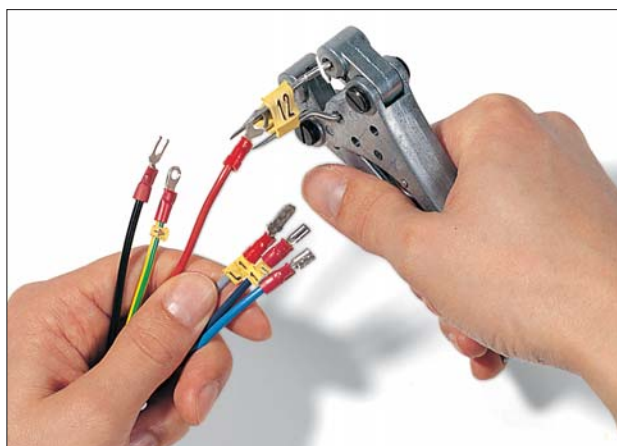
ABR is manufactured from a polychloroprene material and is RoHS compliant.

Application

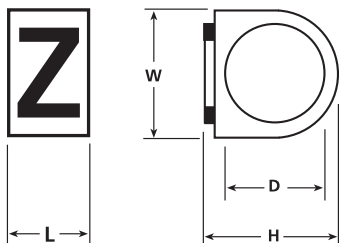
Ideally suited for the automotive industry for the identification coding of ignition cables. The embossed mark ensures clear legibility even in areas where dust and debris is found.



Highly flexible, legible and easy to apply.



The sleeve applicator tool allows markers to be fitted after crimping.



Material Data

Material	Chloroprene (CR)
Colour	Yellow (YE)
Operating Temperature	-25 °C to +90 °C, Intermittent +100 °C
Shore Hardness A	Elastomer 31 +/- 5% Shore A
Flammability	UL94 HB and FMVSS-302



For detailed information on Application Tools please refer to page 575.

Technical Table

Type	Ø D max.	Ø D	Width (W)	Height (H)	Length (L)
ABR.1	3.50	1.75	4.00	4.50	3.0
ABR.2	6.00	3.0	5.00	5.50	4.0
ABR.3	9.00	5.0	8.00	8.50	5.0
ABR.4	13.00	7.5	10.00	10.50	6.0
ABR.5	17.00	10.0	13.00	13.50	8.0

All dimensions in mm. Subject to technical changes.



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Abr.1 semi severed

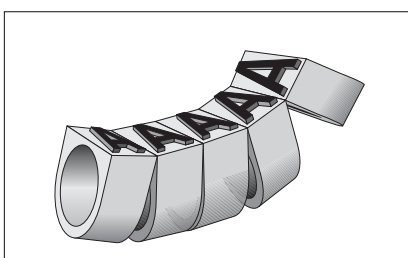
	Article-No.	Type
A	501-01014	ABR.1-A
B	501-01024	ABR.1-B
C	501-01034	ABR.1-C
D	501-01044	ABR.1-D
E	501-01054	ABR.1-E
F	501-01064	ABR.1-F
G	501-01074	ABR.1-G
H	501-01084	ABR.1-H
I	501-01094	ABR.1-I
J	501-01104	ABR.1-J
K	501-01114	ABR.1-K
L	501-01124	ABR.1-L
M	501-01134	ABR.1-M
N	501-01144	ABR.1-N
O	501-01154	ABR.1-O
P	501-01164	ABR.1-P
Q	501-01174	ABR.1-Q
R	501-01184	ABR.1-R
S	501-01194	ABR.1-S
T	501-01204	ABR.1-T
U	501-01214	ABR.1-U
V	501-01224	ABR.1-V
W	501-01234	ABR.1-W
X	501-01244	ABR.1-X
Y	501-01254	ABR.1-Y
Z	501-01264	ABR.1-Z
+	501-01274	ABR.1-+
-	501-01284	ABR.1--
0	501-01604	ABR.1-0
1	501-01614	ABR.1-1
2	501-01624	ABR.1-2
3	501-01634	ABR.1-3
4	501-01644	ABR.1-4
5	501-01654	ABR.1-5
6	501-01664	ABR.1-6
7	501-01674	ABR.1-7
8	501-01684	ABR.1-8
9	501-01694	ABR.1-9

Abr.2 semi severed

	Article-No.	Type
A	501-02014	ABR.2-A
B	501-02024	ABR.2-B
C	501-02034	ABR.2-C
D	501-02044	ABR.2-D
E	501-02054	ABR.2-E
F	501-02064	ABR.2-F
G	501-02074	ABR.2-G
H	501-02084	ABR.2-H
I	501-02094	ABR.2-I
J	501-02104	ABR.2-J
K	501-02114	ABR.2-K
L	501-02124	ABR.2-L
M	501-02134	ABR.2-M
N	501-02144	ABR.2-N
O	501-02154	ABR.2-O
P	501-02164	ABR.2-P
Q	501-02174	ABR.2-Q
R	501-02184	ABR.2-R
S	501-02194	ABR.2-S
T	501-02204	ABR.2-T
U	501-02214	ABR.2-U
V	501-02224	ABR.2-V
W	501-02234	ABR.2-W
X	501-02244	ABR.2-X
Y	501-02254	ABR.2-Y
Z	501-02264	ABR.2-Z
+	501-02274	ABR.2-+
-	501-02284	ABR.2--
0	501-02604	ABR.2-0
1	501-02614	ABR.2-1
2	501-02624	ABR.2-2
3	501-02634	ABR.2-3
4	501-02644	ABR.2-4
5	501-02654	ABR.2-5
6	501-02664	ABR.2-6
7	501-02674	ABR.2-7
8	501-02684	ABR.2-8
9	501-02694	ABR.2-9

Abr.3 semi severed

	Article-No.	Type
A	501-03014	ABR.3-A
B	501-03024	ABR.3-B
C	501-03034	ABR.3-C
D	501-03044	ABR.3-D
E	501-03054	ABR.3-E
F	501-03064	ABR.3-F
G	501-03074	ABR.3-G
H	501-03084	ABR.3-H
I	501-03094	ABR.3-I
J	501-03104	ABR.3-J
K	501-03114	ABR.3-K
L	501-03124	ABR.3-L
M	501-03134	ABR.3-M
N	501-03144	ABR.3-N
O	501-03154	ABR.3-O
P	501-03164	ABR.3-P
Q	501-03174	ABR.3-Q
R	501-03184	ABR.3-R
S	501-03194	ABR.3-S
T	501-03204	ABR.3-T
U	501-03214	ABR.3-U
V	501-03224	ABR.3-V
W	501-03234	ABR.3-W
X	501-03244	ABR.3-X
Y	501-03254	ABR.3-Y
Z	501-03264	ABR.3-Z
+	501-03274	ABR.3-+
-	501-03284	ABR.3--
0	501-03604	ABR.3-0
1	501-03614	ABR.3-1
2	501-03624	ABR.3-2
3	501-03634	ABR.3-3
4	501-03644	ABR.3-4
5	501-03654	ABR.3-5
6	501-03664	ABR.3-6
7	501-03674	ABR.3-7
8	501-03684	ABR.3-8
9	501-03694	ABR.3-9



**Special characters
available on request.**



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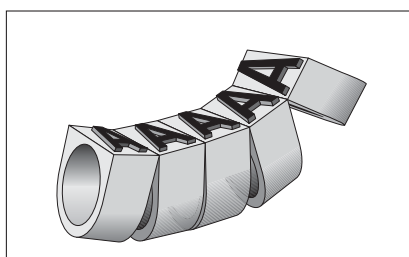
• ABR-Markers

Abr.4 semi severed

	Article-No.	Type
A	501-04014	ABR.4-A
B	501-04024	ABR.4-B
C	501-04034	ABR.4-C
D	501-04044	ABR.4-D
E	501-04054	ABR.4-E
F	501-04064	ABR.4-F
G	501-04074	ABR.4-G
H	501-04084	ABR.4-H
I	501-04094	ABR.4-I
J	501-04104	ABR.4-J
K	501-04114	ABR.4-K
L	501-04124	ABR.4-L
M	501-04134	ABR.4-M
N	501-04144	ABR.4-N
O	501-04154	ABR.4-O
P	501-04164	ABR.4-P
Q	501-04174	ABR.4-Q
R	501-04184	ABR.4-R
S	501-04194	ABR.4-S
T	501-04204	ABR.4-T
U	501-04214	ABR.4-U
V	501-04224	ABR.4-V
W	501-04234	ABR.4-W
X	501-04244	ABR.4-X
Y	501-04254	ABR.4-Y
Z	501-04264	ABR.4-Z
+	501-04274	ABR.4-+
-	501-04284	ABR.4--
0	501-04604	ABR.4-0
1	501-04614	ABR.4-1
2	501-04624	ABR.4-2
3	501-04634	ABR.4-3
4	501-04644	ABR.4-4
5	501-04654	ABR.4-5
6	501-04664	ABR.4-6
7	501-04674	ABR.4-7
8	501-04684	ABR.4-8
9	501-04694	ABR.4-9

Abr.5 semi severed

	Article-No.	Type
A	501-05014	ABR.5-A
B	501-05024	ABR.5-B
C	501-05034	ABR.5-C
D	501-05044	ABR.5-D
E	501-05054	ABR.5-E
F	501-05064	ABR.5-F
G	501-05074	ABR.5-G
H	501-05084	ABR.5-H
I	501-05094	ABR.5-I
J	501-05104	ABR.5-J
K	501-05114	ABR.5-K
L	501-05124	ABR.5-L
M	501-05134	ABR.5-M
N	501-05144	ABR.5-N
O	501-05154	ABR.5-O
P	501-05164	ABR.5-P
Q	501-05174	ABR.5-Q
R	501-05184	ABR.5-R
S	501-05194	ABR.5-S
T	501-05204	ABR.5-T
U	501-05214	ABR.5-U
V	501-05224	ABR.5-V
W	501-05234	ABR.5-W
X	501-05244	ABR.5-X
Y	501-05254	ABR.5-Y
Z	501-05264	ABR.5-Z
+	501-05274	ABR.5-+
-	501-05284	ABR.5--
0	501-05604	ABR.5-0
1	501-05614	ABR.5-1
2	501-05624	ABR.5-2
3	501-05634	ABR.5-3
4	501-05644	ABR.5-4
5	501-05654	ABR.5-5
6	501-05664	ABR.5-6
7	501-05674	ABR.5-7
8	501-05684	ABR.5-8
9	501-05694	ABR.5-9



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