

SLEEVES&TOOLS

ZUBEHÖR

SOPORTES

This line includes sleeves, channels, tags holders, slides and many other products that allow to accommodate and protect the markings. The use of holders also allows rapid replacement of the marking. The marked tags are inserted by simple sliding or pressure and can be easily replaced, thereby facilitating service and maintenance operations of the installations

Die Träger-Linie, einschließlich Röhrcchen, Schienen, Schildchenhalter, Scheiben, etc. ermöglicht es Ihnen, alle gekennzeichneten Karten/Schildchen aufzunehmen, indem Sie sie einfach einstecken, einschieben oder Druck ausüben. Die Verwendung der Halterungen ermöglicht einen schnellen Austausch der gekennzeichneten Karten/Schildchen.

Esta línea incluye manguitos, carriles, soportes de etiquetas, protectores transparentes y muchos otros productos que permiten acomodar y proteger las instalaciones.

El uso de este tipo de soportes permite un rápido cambio de la identificación.

Las etiquetas marcadas se insertan por simple deslizamiento o presión y puede ser fácilmente reemplazadas, facilitando así el mantenimiento de las instalaciones



PRESE W.C.

AUSILIARI



Diameters and cable sections cross reference table

Querverweistabelle für Durchmesser und Kabelquerschnitte / **Tabla de compatibilidad entre diámetros y secciones de cables**

| ITEM PRODUKT PRODUCTO | Ø (mm) | ITEM FOR CABLE SIZE (mm²) / FÜR KABELQUERSCHNITT (mm²) / PARA SECCIÓN DE CABLES (mm²) | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-----------|---|------|-----|------|---|-----|-----|---|---|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|
| | | 0,14 | 0,25 | 0,5 | 0,75 | 1 | 1,5 | 2,5 | 4 | 6 | 10 | 16 | 25 | 35 | 50 | 70 | 95 | 120 | 150 | 185 | 240 | 300 | 400 | 500 |
| 101 | 1 ÷ 2 | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 2 ÷ 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 3 ÷ 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 4 ÷ 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | 5 ÷ 6 | | | | | | | | | | | | | | | | | | | | | | | |
| 106 | 6 ÷ 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 107 | 7 ÷ 8 | | | | | | | | | | | | | | | | | | | | | | | |
| 108 | 8 ÷ 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 109 | 10 ÷ 12 | | | | | | | | | | | | | | | | | | | | | | | |
| 110 | 12 ÷ 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | 14 ÷ 16 | | | | | | | | | | | | | | | | | | | | | | | |
| 112 | 16 ÷ 18 | | | | | | | | | | | | | | | | | | | | | | | |
| 113 | 18 ÷ 20 | | | | | | | | | | | | | | | | | | | | | | | |
| 114 | 20 ÷ 22 | | | | | | | | | | | | | | | | | | | | | | | |
| 115 | 22 ÷ 25 | | | | | | | | | | | | | | | | | | | | | | | |
| 116 | 25 ÷ 30 | | | | | | | | | | | | | | | | | | | | | | | |
| 190 | 0,6 ÷ 1,2 | | | | | | | | | | | | | | | | | | | | | | | |
| 201 | 1,5 ÷ 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| 202 | 2 ÷ 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 203 | 4 ÷ 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 204 | 6 ÷ 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 205 | 10 ÷ 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 206 | 14 ÷ 22 | | | | | | | | | | | | | | | | | | | | | | | |
| 207 | 22 ÷ 30 | | | | | | | | | | | | | | | | | | | | | | | |
| 208 | 30 ÷ 35 | | | | | | | | | | | | | | | | | | | | | | | |
| 209 | 35 ÷ 40 | | | | | | | | | | | | | | | | | | | | | | | |
| 301 | 2 ÷ 3,5 | | | | | | | | | | | | | | | | | | | | | | | |
| 302 | 2,8 ÷ 5 | | | | | | | | | | | | | | | | | | | | | | | |
| 303 | 5 ÷ 8 | | | | | | | | | | | | | | | | | | | | | | | |
| 304 | 8 ÷ 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 401 | 1,5 ÷ 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| 402 | 2 ÷ 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 403 | 4 ÷ 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 404 | 6 ÷ 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 405 | 10 ÷ 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 406 | 14 ÷ 22 | | | | | | | | | | | | | | | | | | | | | | | |
| 501 | 1,5 ÷ 2,5 | | | | | | | | | | | | | | | | | | | | | | | |
| 502 | 2 ÷ 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 503 | 4 ÷ 7 | | | | | | | | | | | | | | | | | | | | | | | |
| 504 | 6 ÷ 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 505 | 10 ÷ 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 802 | 2 ÷ 4 | | | | | | | | | | | | | | | | | | | | | | | |
| 808 | 8 ÷ 10 | | | | | | | | | | | | | | | | | | | | | | | |
| 809 | 10 ÷ 12 | | | | | | | | | | | | | | | | | | | | | | | |
| 810 | 12 ÷ 14 | | | | | | | | | | | | | | | | | | | | | | | |
| 811 | 14 ÷ 16 | | | | | | | | | | | | | | | | | | | | | | | |

Notes: All the above data has an approximate value and refers exclusively to the diameters of single cores. The appreciate difference in outside diameters of similar cable sections, are the result of differences in the thickness of the insulation of the cables. When choosing a sleeve according to the cable section, please also refer to specific cable manufacturer's data



Transparent sleeve 100 Series

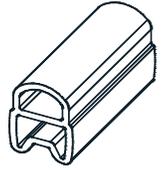
Röhrchen transparent Serie 100 / Manguitos transparentes serie 100



| MATERIAL TECHNICAL DATA | |
|-------------------------|---|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |
| Material | Halogen free polyurethane, silicon free |
| Working temperature | from -60° to +80° |
| Flammability class | UL94 V0 |

| | | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | | | | | | | | | | |
|-------------------|--------------------|---|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|-------------------------|-------------------------|
| | | 10 mm | | 12 mm | | 15 mm | | 18 mm | | 23 mm | | 30 mm | | MT | |
| | | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF |
| CABLE EXT. Ø (mm) | 1÷2 | 101/10 1000 pcs. | 101HF/10 1000 pcs. | 101/12 1000 pcs. | 101HF/12 1000 pcs. | 101/15 1000 pcs. | 101HF/15 1000 pcs. | 101/18 1000 pcs. | 101HF/18 1000 pcs. | 101/23 1000 pcs. | 101HF/23 1000 pcs. | 101/30 500 pcs. | 101HF/30 500 pcs. | 101/MT 25 mt | 101HF/MT 25 mt |
| | 2÷3 | 102/10 1000 pcs. | 102HF/10 1000 pcs. | 102/12 1000 pcs. | 102HF/12 1000 pcs. | 102/15 1000 pcs. | 102HF/15 1000 pcs. | 102/18 1000 pcs. | 102HF/18 1000 pcs. | 102/23 1000 pcs. | 102HF/23 1000 pcs. | 102/30 500 pcs. | 102HF/30 500 pcs. | 102/MT 25 mt | 102HF/MT 25 mt |
| | 3÷4 | 103/10 1000 pcs. | 103HF/10 1000 pcs. | 103/12 1000 pcs. | 103HF/12 1000 pcs. | 103/15 1000 pcs. | 103HF/15 1000 pcs. | 103/18 500 pcs. | 103HF/18 500 pcs. | 103/23 500 pcs. | 103HF/23 500 pcs. | 103/30 500 pcs. | 103HF/30 500 pcs. | 103/MT 25 mt | 103HF/MT 25 mt |
| | 4÷5 | 104/10 1000 pcs. | 104HF/10 1000 pcs. | 104/12 1000 pcs. | 104HF/12 1000 pcs. | 104/15 1000 pcs. | 104HF/15 1000 pcs. | 104/18 500 pcs. | 104HF/18 500 pcs. | 104/23 500 pcs. | 104HF/23 500 pcs. | 104/30 500 pcs. | 104HF/30 500 pcs. | 104/MT 25 mt | 104HF/MT 25 mt |
| | 5÷6 | 105/10 1000 pcs. | 105HF/10 1000 pcs. | 105/12 1000 pcs. | 105HF/12 1000 pcs. | 105/15 1000 pcs. | 105HF/15 1000 pcs. | 105/18 500 pcs. | 105HF/18 500 pcs. | 105/23 500 pcs. | 105HF/23 500 pcs. | 105/30 500 pcs. | 105HF/30 500 pcs. | 105/MT 25 mt | 105HF/MT 25 mt |
| | 6÷7 | 106/10 500 pcs. | 106HF/10 500 pcs. | 106/12 500 pcs. | 106HF/12 500 pcs. | 106/15 500 pcs. | 106HF/15 500 pcs. | 106/18 500 pcs. | 106HF/18 500 pcs. | 106/23 200 pcs. | 106HF/23 200 pcs. | 106/30 200 pcs. | 106HF/30 200 pcs. | 106/MT 25 mt | 106HF/MT 40 x 0,5 mt |
| | 7÷8 | 107/10 500 pcs. | 107HF/10 500 pcs. | 107/12 500 pcs. | 107HF/12 500 pcs. | 107/15 500 pcs. | 107HF/15 500 pcs. | 107/18 500 pcs. | 107HF/18 500 pcs. | 107/23 200 pcs. | 107HF/23 200 pcs. | 107/30 200 pcs. | 107HF/30 200 pcs. | 107/MT 25 mt | 107HF/MT 40 x 0,5 mt |
| | 8÷10 | 108/10 500 pcs. | 108HF/10 500 pcs. | 108/12 500 pcs. | 108HF/12 500 pcs. | 108/15 500 pcs. | 108HF/15 500 pcs. | 108/18 200 pcs. | 108HF/18 200 pcs. | 108/23 200 pcs. | 108HF/23 200 pcs. | 108/30 200 pcs. | 108HF/30 200 pcs. | 108/MT 25 mt | 108HF/MT 40 x 0,5 mt |
| | 10÷12 | 109/10 500 pcs. | 109HF/10 500 pcs. | 109/12 500 pcs. | 109HF/12 500 pcs. | 109/15 500 pcs. | 109HF/15 500 pcs. | 109/18 200 pcs. | 109HF/18 200 pcs. | 109/23 200 pcs. | 109HF/23 200 pcs. | 109/30 200 pcs. | 109HF/30 200 pcs. | 109/MT 40 x 0,5 mt | 109HF/MT 40 x 0,5 mt |
| | 12÷14 | 110/10 500 pcs. | 110HF/10 500 pcs. | 110/12 500 pcs. | 110HF/12 500 pcs. | 110/15 500 pcs. | 110HF/15 500 pcs. | 110/18 200 pcs. | 110HF/18 200 pcs. | 110/23 200 pcs. | 110HF/23 200 pcs. | 110/30 200 pcs. | 110HF/30 200 pcs. | 110/MT 40 x 0,5 mt | 110HF/MT 40 x 0,5 mt |
| | 14÷16 | 111/10 200 pcs. | 111HF/10 200 pcs. | 111/12 200 pcs. | 111HF/12 200 pcs. | 111/15 200 pcs. | 111HF/15 200 pcs. | 111/18 200 pcs. | 111HF/18 200 pcs. | 111/23 200 pcs. | 111HF/23 200 pcs. | 111/30 100 pcs. | 111HF/30 100 pcs. | 111/MT 40 x 0,5 mt | 111HF/MT 40 x 0,5 mt |
| | 16÷18 | 112/10 200 pcs. | 112HF/10 200 pcs. | 112/12 200 pcs. | 112HF/12 200 pcs. | 112/15 200 pcs. | 112HF/15 200 pcs. | 112/18 100 pcs. | 112HF/18 100 pcs. | 112/23 100 pcs. | 112HF/23 100 pcs. | 112/30 100 pcs. | 112HF/30 100 pcs. | 112/MT 40 x 0,5 mt | 112HF/MT 40 x 0,5 mt |
| 18÷20 | 113/10 200 pcs. | 113HF/10 200 pcs. | 113/12 200 pcs. | 113HF/12 200 pcs. | 113/15 200 pcs. | 113HF/15 200 pcs. | 113/18 100 pcs. | 113HF/18 100 pcs. | 113/23 100 pcs. | 113HF/23 100 pcs. | 113/30 100 pcs. | 113HF/30 100 pcs. | 113/MT 40 x 0,5 mt | 113HF/MT 40 x 0,5 mt | |
| 20÷22 | 114/10 100 pcs. | 114HF/10 100 pcs. | 114/12 100 pcs. | 114HF/12 100 pcs. | 114/15 100 pcs. | 114HF/15 100 pcs. | 114/18 100 pcs. | 114HF/18 100 pcs. | 114/23 100 pcs. | 114HF/23 100 pcs. | 114/30 50 pcs. | 114HF/30 50 pcs. | 114/MT 20 x 0,5 mt | 114HF/MT 20 x 0,5 mt | |
| 22÷25 | 115/10 100 pcs. | 115HF/10 100 pcs. | 115/12 100 pcs. | 115HF/12 100 pcs. | 115/15 100 pcs. | 115HF/15 100 pcs. | 115/18 50 pcs. | 115HF/18 50 pcs. | 115/23 50 pcs. | 115HF/23 50 pcs. | 115/30 50 pcs. | 115HF/30 50 pcs. | 115/MT 20 x 0,5 mt | 115HF/MT 20 x 0,5 mt | |
| 25÷30 | 116/10 50 pcs. | 116HF/10 50 pcs. | 116/12 50 pcs. | 116HF/12 50 pcs. | 116/15 50 pcs. | 116HF/15 50 pcs. | 116/18 50 pcs. | 116HF/18 50 pcs. | 116/23 50 pcs. | 116HF/23 50 pcs. | 116/30 50 pcs. | 116HF/30 50 pcs. | 116/MT 20 x 0,5 mt | 116HF/MT 20 x 0,5 mt | |

* The raw material fulfils the requirements for food contact according to FDA title 21 and (EU) No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und (EU) Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y (EU) No. 10/2011



Transparent sleeve 200 Series (soft)

Röhrchen transparent Serie 200 (soft) / Manguitos transparentes Serie 200 (soft)

| MATERIAL TECHNICAL DATA | |
|-------------------------|-------------------|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |



| MATERIAL TECHNICAL DATA | |
|-------------------------|---|
| Material | Halogen free polyurethane, silicon free |
| Working temperature | from -60° to +80° |
| Flammability class | UL94 V0 |



| | | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | | | | | | | | | | |
|-------------------|-------------------|---|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|----------------------|---------------------|-----------------------|-------------------------|-------------------------|
| | | 10 mm | | 12 mm | | 15 mm | | 18 mm | | 23 mm | | 30 mm | | MT | |
| | | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF |
| Ø EXT. CABLE (mm) | 1,5÷2,5 | 201/10 1000 pcs. | 201HF/10 1000 pcs. | 201/12 1000 pcs. | 201HF/12 1000 pcs. | 201/15 1000 pcs. | 201HF/15 1000 pcs. | 201/18 1000 pcs. | 201HF/18 1000 pcs. | 201/23 500 pcs. | 201HF/23 500 pcs. | 201/30 500 pcs. | 201HF/30 500 pcs. | 201/MT 25 mt | 201HF/MT 25 mt |
| | 2÷4 | 202/10 1000 pcs. | 202HF/10 1000 pcs. | 202/12 1000 pcs. | 202HF/12 1000 pcs. | 202/15 1000 pcs. | 202HF/15 1000 pcs. | 202/18 1000 pcs. | 202HF/18 1000 pcs. | 202/23 500 pcs. | 202HF/23 500 pcs. | 202/30 500 pcs. | 202HF/30 500 pcs. | 202/MT 25 mt | 202HF/MT 25 mt |
| | 4÷7 | 203/10 500 pcs. | 203HF/10 500 pcs. | 203/12 500 pcs. | 203HF/12 500 pcs. | 203/15 500 pcs. | 203HF/15 500 pcs. | 203/18 500 pcs. | 203HF/18 500 pcs. | 203/23 500 pcs. | 203HF/23 500 pcs. | 203/30 200 pcs. | 203HF/30 200 pcs. | 203/MT 25 mt | 203HF/MT 25 mt |
| | 6÷10 | 204/10 500 pcs. | 204HF/10 500 pcs. | 204/12 500 pcs. | 204HF/12 500 pcs. | 204/15 500 pcs. | 204HF/15 500 pcs. | 204/18 500 pcs. | 204HF/18 500 pcs. | 204/23 200 pcs. | 204HF/23 200 pcs. | 204/30 200 pcs. | 204HF/30 200 pcs. | 204/MT 25 mt | 204HF/MT 40 x 0,5 mt |
| | 10÷14 | 205/10 200 pcs. | 205HF/10 200 pcs. | 205/12 200 pcs. | 205HF/12 200 pcs. | 205/15 200 pcs. | 205HF/15 200 pcs. | 205/18 200 pcs. | 205HF/18 200 pcs. | 205/23 200 pcs. | 205HF/23 200 pcs. | 205/30 200 pcs. | 205HF/30 200 pcs. | 205/MT 40 x 0,5 mt | 205HF/MT 40 x 0,5 mt |
| | 14÷22 | 206/10 200 pcs. | 206HF/10 200 pcs. | 206/12 200 pcs. | 206HF/12 200 pcs. | 206/15 200 pcs. | 206HF/15 200 pcs. | 206/18 200 pcs. | 206HF/18 200 pcs. | 206/23 100 pcs. | 206HF/23 100 pcs. | 206/30 100 pcs. | 206HF/30 100 pcs. | 206/MT 40 x 0,5 mt | 206HF/MT 40 x 0,5 mt |
| | 22÷30 | 207/10 50 pcs. | 207HF/10 50 pcs. | 207/12 50 pcs. | 207HF/12 50 pcs. | 207/15 50 pcs. | 207HF/15 50 pcs. | 207/18 50 pcs. | 207HF/18 50 pcs. | 207/23 50 pcs. | 207HF/23 50 pcs. | 207/30 50 pcs. | 207HF/30 50 pcs. | 207/MT 20 x 0,5 mt | 207HF/MT 20 x 0,5 mt |
| | 30÷35 | 208/10 50 pcs. | 208HF/10 50 pcs. | 208/12 50 pcs. | 208HF/12 50 pcs. | 208/15 50 pcs. | 208HF/15 50 pcs. | 208/18 50 pcs. | 208HF/18 50 pcs. | 208/23 50 pcs. | 208HF/23 50 pcs. | 208/30 50 pcs. | 208HF/30 50 pcs. | 208/MT 20 x 0,5 mt | 208HF/MT 20 x 0,5 mt |
| 35÷40 | 209/10 50 pcs. | 209HF/10 50 pcs. | 209/12 50 pcs. | 209HF/12 50 pcs. | 209/15 50 pcs. | 209HF/15 50 pcs. | 209/18 50 pcs. | 209HF/18 50 pcs. | 209/23 50 pcs. | 209HF/23 50 pcs. | 209/30 50 pcs. | 209HF/30 50 pcs. | 209/MT 20 x 0,5 mt | 209HF/MT 20 x 0,5 mt | |

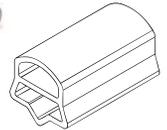
Add MC at the end of the item code to get the Master Carton Package: more product at a better price / Fügen Sie MC nach der Artikelnummer hinzu, um das Maxi-Format + Konvenienz zu erhalten. / Agregue MC después del código del artículo para recibir el formato Maxi, más producto a menor precio

Transparent sleeves for Electronics

Transparente Röhren für die Elektronik / Manguitos transparentes para electrónica

Use only the flat cable tags for marking - see page 20 / Zur Kennzeichnung ausschließlich flat Kabelanhänger verwenden - siehe Seite 20 / Usar solamente etiquetas para cables flat. ver pag. 20

| MATERIAL TECHNICAL DATA | |
|-------------------------|-------------------|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |



SLEEVE 190 RÖHRCHEN 190 / MANGUITO 190

| | | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | | | |
|-------------------|---------|---|---------------------|---------------------|--------------------|--------------------|--------------------|--------|
| | | 10 mm | 12 mm | 15 mm | 18 mm | 23 mm | 30 mm | MT |
| Ø EXT. CABLE (mm) | 0,6÷1,2 | 190/10 1000 pcs. | 190/12 1000 pcs. | 190/15 1000 pcs. | 190/18 500 pcs. | 190/23 500 pcs. | 190/30 200 pcs. | 190/MT |
| | | | | | | | | |

SLEEVE 590 RÖHRCHEN 590 / MANGUITO 590

| | | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | | | |
|-------------------|---------|---|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | | 10 mm | 12 mm | 15 mm | 18 mm | 20 mm | 23 mm | 30 mm |
| Ø EXT. CABLE (mm) | 1,5÷2,5 | 590/10 1000 pcs. | 590/12 1000 pcs. | 590/15 1000 pcs. | 590/18 1000 pcs. | 590/20 1000 pcs. | 590/23 1000 pcs. | 590/30 1000 pcs. |
| | 0,5÷1,2 | 591/10 1000 pcs. | 591/12 1000 pcs. | 591/15 1000 pcs. | 591/18 1000 pcs. | 591/20 1000 pcs. | 591/23 1000 pcs. | 591/30 500 pcs. |

* The raw material fulfils the requirements for food contact according to FDA title 21 and (EU) No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und (EU) Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y (EU) No. 10/2011



Transparent sleeve 400 Series (rigid)

Röhrchen transparent Serie 400 (rigid) / Manguitos transparentes Serie 400 (Rigido)



MATERIAL TECHNICAL DATA

| | |
|---------------------|---|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |
| Material | Halogen free polyurethane, silicon free |
| Working temperature | from -60° to +80° |
| Flammability class | UL94 V0 |

SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO

| CABLE EXT. Ø (mm) | 10 mm | | 12 mm | | 15 mm | | 18 mm | | 23 mm | | 30 mm | |
|-------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|--------------------|----------------------|--------------------|----------------------|
| | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF | PVC | HF |
| 1,5÷2,5 | 401/10 1000 pcs. | 401HF/10 1000 pcs. | 401/12 1000 pcs. | 401HF/12 1000 pcs. | 401/15 1000 pcs. | 401HF/15 1000 pcs. | 401/18 1000 pcs. | 401HF/18 1000 pcs. | 401/23 500 pcs. | 401HF/23 500 pcs. | 401/30 500 pcs. | 401HF/30 500 pcs. |
| 2÷4 | 402/10 1000 pcs. | 402HF/10 1000 pcs. | 402/12 1000 pcs. | 402HF/12 1000 pcs. | 402/15 1000 pcs. | 402HF/15 1000 pcs. | 402/18 1000 pcs. | 402HF/18 1000 pcs. | 402/23 500 pcs. | 402HF/23 500 pcs. | 402/30 500 pcs. | 402HF/30 500 pcs. |
| 4÷7 | 403/10 500 pcs. | 403HF/10 500 pcs. | 403/12 500 pcs. | 403HF/12 500 pcs. | 403/15 500 pcs. | 403HF/15 500 pcs. | 403/18 500 pcs. | 403HF/18 500 pcs. | 403/23 500 pcs. | 403HF/23 500 pcs. | 403/30 200 pcs. | 403HF/30 200 pcs. |
| 6÷10 | 404/10 500 pcs. | 404HF/10 500 pcs. | 404/12 500 pcs. | 404HF/12 500 pcs. | 404/15 500 pcs. | 404HF/15 500 pcs. | 404/18 500 pcs. | 404HF/18 500 pcs. | 404/23 200 pcs. | 404HF/23 200 pcs. | 404/30 200 pcs. | 404HF/30 200 pcs. |
| 10÷14 | 405/10 200 pcs. | 405HF/10 200 pcs. | 405/12 200 pcs. | 405HF/12 200 pcs. | 405/15 200 pcs. | 405HF/15 200 pcs. | 405/18 200 pcs. | 405HF/18 200 pcs. | 405/23 200 pcs. | 405HF/23 200 pcs. | 405/30 200 pcs. | 405HF/30 200 pcs. |
| 14÷22 | 406/10 200 pcs. | 406HF/10 200 pcs. | 406/12 200 pcs. | 406HF/12 200 pcs. | 406/15 200 pcs. | 406HF/15 200 pcs. | 406/18 200 pcs. | 406HF/18 200 pcs. | 406/23 100 pcs. | 406HF/23 100 pcs. | 406/30 100 pcs. | 406HF/30 100 pcs. |

Add MC at the end of the item code to get the Master Carton Package: more product at a better price / Fügen Sie MC nach der Artikelnummer hinzu, um das Maxi-Format + Konvenienz zu erhalten. / Agregue MC después del código del artículo para recibir el formato Maxi, más producto a menor precio

Transparent sleeve for flat tags 500 Series

Röhrchen transparent Serie 500 (flat) / Manguitos transparentes serie 500 (flat)

Use only the flat cable tags for marking - see page20 / Zur Kennzeichnung ausschließlich flat Kabelanhänger verwenden - siehe Seite 20 /



MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |

SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO

| CABLE EXT. Ø (mm) | 10 mm | 12 mm | 15 mm | 18 mm | 23 mm | 30 mm |
|-------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| | 1,5÷2,5 | 501/10 1000 pcs. | 501/12 1000 pcs. | 501/15 1000 pcs. | 501/18 1000 pcs. | 501/23 500 pcs. |
| 2÷4 | 502/10 1000 pcs. | 502/12 1000 pcs. | 502/15 1000 pcs. | 502/18 1000 pcs. | 502/23 500 pcs. | 502/30 500 pcs. |
| 4÷7 | 503/10 500 pcs. | 503/12 500 pcs. | 503/15 500 pcs. | 503/18 500 pcs. | 503/23 500 pcs. | 503/30 200 pcs. |
| 6÷10 | 504/10 500 pcs. | 504/12 500 pcs. | 504/15 500 pcs. | 504/18 400 pcs. | 504/23 200 pcs. | 504/30 200 pcs. |
| 10÷14 | 505/10 200 pcs. | 505/12 200 pcs. | 505/15 200 pcs. | 505/18 200 pcs. | 505/23 200 pcs. | 505/30 200 pcs. |

* The raw material fulfils the requirements for food contact according to FDA title 21 and (EU) No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und (EU) Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y (EU) No. 10/2011

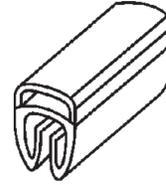
Snap - on sleeve

Röhrchen steckverbindung snap-on / Manguitos insertables SNAP-ON para cables

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | Silicon free PVC |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |

RINA



| | | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | |
|-------------------|---------|---|----------------------------|---------------------------|---------------------------|
| | | 10 mm | 15 mm | 23 mm | 30 mm |
| CABLE EXT. Ø (mm) | 2 ÷ 3,5 | 301/10 1000 pcs. | 301/15 1000 pcs. | 301/23 500 pcs. | 301/30 500 pcs. |
| | 2,8 ÷ 5 | 302/10 1000 pcs. | 302/15 1000 pcs. | 302/23 500 pcs. | 302/30 500 pcs. |
| | 5 ÷ 8 | 303/10 500 pcs. | 303/15 500 pcs. | 303/23 200 pcs. | 303/30 200 pcs. |
| | 8 ÷ 10 | 304/10 500 pcs. | 304/15 500 pcs. | 304/23 200 pcs. | 304/30 200 pcs. |

METAL DETECTABLE SNAP - ON SLEEVE

METAL DETECTABLE RÖHRCHEN STECKVERBINDUNG SNAP-ON
METAL DETECTABLE MANGUITOS INSERTABLES SNAP-ON PARA CABLES

MATERIAL TECHNICAL DATA

| | |
|---------------------|-----------------------|
| Material | Metal Detectable PVC* |
| Working temperature | from -15° to +60° |
| Flammability class | UL94 V0 |



| | | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | |
|-------------------|---------|---|------------------------------|------------------------------|-----------------------------|-----------------------------|
| | | 10 mm | 12 mm | 15 mm | 18 mm | 30 mm |
| CABLE EXT. Ø (mm) | 2 ÷ 3,5 | 301MD/10 1000 pcs. | 301MD/12 1000 pcs. | 301MD/15 1000 pcs. | 301MD/18 500 pcs. | 301MD/30 500 pcs. |
| | 2,8 ÷ 5 | 302MD/10 1000 pcs. | 302MD/12 1000 pcs. | 302MD/15 1000 pcs. | 302MD/18 500 pcs. | 302MD/30 500 pcs. |
| | 5 ÷ 8 | 303MD/10 500 pcs. | 303MD/12 500 pcs. | 303MD/15 500 pcs. | 303MD/18 200 pcs. | 303MD/30 200 pcs. |
| | 8 ÷ 10 | 304MD/10 500 pcs. | 304MD/12 500 pcs. | 304MD/15 500 pcs. | 304MD/18 200 pcs. | 304MD/30 200 pcs. |

*The raw material fulfils the requirements for food contact according to FDA title 21 and (EU) No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und (EU) Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y (EU) No. 10/2011





Dual recessed sleeve

Röhrchen doppelt nut / Mangitos de doble cavidad



MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |

| | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | IMAGE ZEICHNUNG / IMAGEN | |
|-------------------|---|---------------------------|---------------------------|---------------------------|------------------------------|--|
| | 15 mm | 23 mm | 30 mm | ROLL / ROLLEN / ROLO | | |
| CABLE EXT. Ø [mm] | 2÷4 | 802/15 500 pcs. | 802/23 200 pcs. | 802/30 200 pcs. | 802/MT 25000 mm | |
| | 8÷10 | 808/15 100 pcs. | 808/23 50 pcs. | 808/30 50 pcs. | 808/MT 40 x 500 mm | |
| | 10÷12 | 809/15 100 pcs. | 809/23 50 pcs. | 809/30 50 pcs. | 809/MT 40 x 500 mm | |
| | 12÷14 | 810/15 100 pcs. | 810/23 50 pcs. | 810/30 50 pcs. | 810/MT 40 x 500 mm | |
| | 14÷16 | 811/15 50 pcs. | 811/23 20 pcs. | 811/30 20 pcs. | 811/MT 40 x 500 mm | |

* The raw material fulfils the requirements for food contact according to FDA title 21 and (EU) No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und (EU) Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y (EU) No. 10/2011

Adhesive holder for components

Selbstklebende etikette für Komponenten / Soportes adhesivos para componentes

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | PVC |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |



| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | SLEEVE LENGTH / RÖHRCHENLÄNGE / LONGITUD MANGUITO | | | | | | IMAGE ZEICHNUNG / IMAGEN |
|--|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|
| | 10 mm | 12 mm | 15 mm | 18 mm | 23 mm | 30 mm | |
| 4 | 140/10 500 pcs. | 140/12 500 pcs. | 140/15 500 pcs. | 140/18 200 pcs. | 140/23 200 pcs. | 140/30 200 pcs. | |
| 4 | - | - | 142/15 500 pcs. | - | - | 142/30 200 pcs. | |
| 4 | 840/10 200 pcs. | 840/12 200 pcs. | 840/15 200 pcs. | 840/18 100 pcs. | 840/23 100 pcs. | 840/30 100 pcs. | |

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | PVC |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |

| | | | |
|--|---|-----------------------------|-----------------------------|
| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | ITEM PRODUKT PRODUCTO | IMAGE ZEICHNUNG / IMAGEN |
| 20 x 9 | 240 | SI1002 | |

SCAN FOR DATA SHEET

Scannen Sie für das technische Datenblatt
Escanea para ver la ficha técnica





SLEEVES

Sleeve for cable ties

Röhrchen bindbar / Longitudinales para bridas

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | Silicon free PVC* |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |



| | |
|---------------------|-------------------|
| Material | HDPE |
| Working temperature | from -20° to +60° |
| Flammability class | UL94 V0 |



| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | CAVITY NUT CAVIDAD | MATERIAL MATERIAL MATERIAL | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | ITEM PRODUKT PRODUCTO | IMAGE ZEICHNUNG / IMAGEN |
|--|-------------------------------|----------------------------------|---|-----------------------------|-----------------------------|
| 12 x 4 | single einzel / individual | PVC silicon free | 500 | 130/12 | |
| 18 x 4 | single einzel / individual | PVC silicon free | 500 | 130/18 | |
| 23 x 4 | single einzel / individual | PVC silicon free | 200 | 130/23 | |
| 23 x 4 | single einzel / individual | HDPE Halogen free | 200 | 130HF/23 | |
| 30 x 4 | single einzel / individual | PVC silicon free | 200 | 130/30 | |
| 30 x 4 | single einzel / individual | HDPE Halogen free | 200 | 130HF/30 | |
| 20 x 9 | single einzel / individual | PVC silicon free | 240 | SI1001 | |
| 20 x 9 | single einzel / individual | HDPE Halogen free | 240 | SIHFC1 | |
| 10 x 4 | single einzel / individual | PVC silicon free | 500 | 130/10 | |
| 15 x 4 | single einzel / individual | PVC silicon free | 500 | 130/15 | |
| 30 x 4 | single einzel / individual | PVC silicon free | 200 | 132/30 | |
| 30 x 4 | double doppelt / doble | PVC silicon free | 200 | 830/30 | |

* The raw material fulfils the requirements for food contact according to FDA title 21 and (EU) No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und (EU) Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y (EU) No. 10/2011

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | PVC |
| Working temperature | from -15° to +70° |



| | |
|---------------------|-------------------|
| Material | EVA |
| Working temperature | from -30° to +60° |

| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | CAVITY NUT CAVIDAD | MATERIAL MATERIAL MATERIAL | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | ITEM PRODUKT PRODUCTO | IMAGE ZEICHNUNG / IMAGEN |
|--|-------------------------------|----------------------------------|---|-----------------------------|-----------------------------|
| 35 x 9 | single einzel / individual | PVC | 500 | SI0935 | |
| 35 x 9 | single einzel / individual | EVA Halogen free | 500 | SI0935HF | |
| 70 x 9 | single einzel / individual | PVC | 250 | SI0970 | |

SCAN FOR DATA SHEET

Scannen Sie für das technische Datenblatt
Escanear para ver la ficha técnica





Sleeves with holes for cable ties

Röhrchen bindbar / Soportes ranurados para bridas



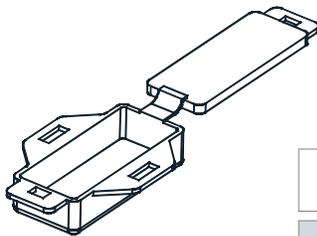
| MATERIAL TECHNICAL DATA | |
|-------------------------|---------------------------------------|
| Material | Silicon free PVC* |
| Working temperature | from -25° to +100° |
| Flammability class | UL94 V0 |
| Material | Halogen free polyuretan, silicon free |
| Working temperature | from -60° to +80° |
| Flammability class | UL94 V0 |

| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | TAGS COMPATIBILITY/ KOMPATIBILITÄT COMPATIBILIDAD | | PRODUCT / PRODUKT / PRODUCTO | | IMAGE ZEICHNUNG / IMAGEN |
|--|--|--|--------------|------------------------------|---------------|--------------------------------|
| | | PVC | HALOGEN FREE | PVC | HALOGEN FREE | |
| 27 x 15 | 192 | EVO1527... | EVOHF1527W | SIT0004X027 | SIT0004X027HF | |
| 50 x 10 | 224 | EVO0935... | EVOHF0935W | SIT0003X050 | SIT0003X050HF | |
| 50 x 15 | 192 | EVO1535... | EVOHF1535W | SIT0004X050 | SIT0004X050HF | |
| 70 x 15 | 96 | EVO01550... SI2K202... | EVOHF01550W | SIT0004X070 | SIT0004X070HF | |
| 88 x 15 | 96 | EVO1567... SI2K203... | EVOHF1567W | SIT0004X090 | SIT0004X090HF | |
| 100 x 20 | 180 | EVO2067... | EVOHF2067W | SIT0005X100 | SIT0005X100HF | |

* The raw material fulfils the requirements for food contact according to FDA title 21 and [EU] No. 10/2011 / Der Rohstoff erfüllt die Anforderungen für den Lebensmittelkontakt gemäß FDA Titel 21 und [EU] Nr. 10/2011 / La materia prima cumple los requisitos para el contacto con los alimentos según FDA título 21 y [EU] No. 10/2011

Sealed sleeve with cable ties

Röhrchen bindbar versiegelt / Soporte portaetiqueta para brida



| MATERIAL TECHNICAL DATA | |
|-------------------------|-------------------|
| Material | PP |
| Thickness | 0,8 mm |
| Working temperature | from -10° to +50° |

| DIMENSIONS ABMESSUNGEN DIMENSIONES | COMPATIBILITY KOMPATIBILITÄT COMPATIBILIDAD | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | ITEM PRODUKT PRODUCTO |
|--|---|--|-----------------------------|
| 40 x 16 mm internal dimension | EVOFX1640... | 50 | 133/40 |

Ties

Kabelbinder / Bridas para cables

| MATERIAL TECHNICAL DATA | |
|-------------------------|---|
| Material | Nylon 6.6; Nylon 6.6 Labelphos; Nylon 6.6 Metaldetectable |
| Working temperature | from -40° to +85° |
| Flammability class | UL94 V2 |

| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | Ø MAX mm | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | ITEM / PRODUKT / PRODUCTO | | | |
|--|-------------|--|---------------------------|-----------|------------|-----------------|
| | | | BLACK SCHWARZ / NEGRO | NEUTRAL | LABELPHOS | METALDETECTABLE |
| 2,5 x 100 | 22 | 100 | TGF10025B | TGF10025N | TGF10025PH | - |
| 3,5 x 140 | 34 | 100 | - | - | - | TGF14035UMD |
| 3,6 x 140 | 34 | 100 | TGF14036B | TGF14036N | TGF14036PH | - |
| 2,5 x 160 | 40 | 100 | TGF16025B | TGF16025N | - | - |
| 4,8 x 160 | 40 | 100 | TGF16048B | TGF16048N | - | - |
| 2,5 x 200 | 53 | 100 | TGF20025B | TGF20025N | - | - |
| 3,6 x 200 | 53 | 100 | TGF20036B | TGF20036N | - | - |
| 4,8 x 200 | 53 | 100 | TGF20048B | TGF20048N | - | - |
| 4,5 x 250 | 70 | 100 | - | - | - | TGF25045UMD |
| 3,6 x 300 | 80 | 100 | TGF30036B | TGF30036N | - | - |

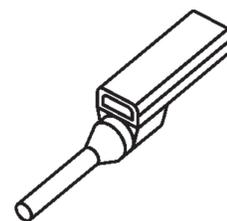


Spark pin terminal

Kabelschuh mit röhren spark / punteras spark con manguito

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | PVC + Copper |
| Working temperature | from -15° to +70° |
| Flammability class | UL94 V0 |



| CABLE SECTION KABELQUERSCHNITT SECCION DE CABLE mm ² | PIN TERMINAL LENGHT L. KABELSCHUH L. PUNTERAS | COLOR FARBE COLOR | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | ITEM PRODUKT PRODUCTO |
|--|--|-------------------------|---|-----------------------------|
| 0,50 | 9 | Orange ● | 200 | 710/05 |
| | 14 | | | 711/05 |
| 0,75 | 9 | White ○ | 200 | 710/07 |
| | 14 | | | 711/07 |
| 1 | 9 | Yellow ● | 200 | 710/10 |
| | 14 | | | 711/10 |
| 1,5 | 9 | Red ● | 200 | 710/15 |
| | 14 | | | 711/15 |
| 2,50 | 12 | Blue ● | 200 | 710/25 |
| | 17 | | | 711/25 |
| 4 | 12 | Grey ● | 100 | 710/40 |
| | 17 | | | 711/40 |
| 6 | 12 | Green ● | 100 | 710/60 |
| | 17 | | | 711/60 |
| 10 | 12 | Brown ● | 100 | 710/100 |
| | 17 | | | 711/100 |

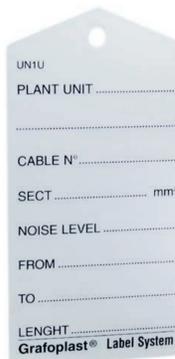


Plant identifier label UN2I

Schildchen Identifikation Leiter / Etiqueta de identificación

MATERIAL TECHNICAL DATA

| | |
|---------------------|-------------------|
| Material | PVC |
| Working temperature | from -10° to +50° |



| DIMENSIONS ABMESSUNGEN DIMENSIONES mm | PCS PER PACK STÜCK PRO VPE UNIDADES POR ENVASE | DESCRIPTION MERKMALE CARACTERISTICAS | BLACK WRITING ON WHITE BACKGROUND WEISS [SCHWARZE SCHRIFT] BLANCO [ESCRITA EN NEGRO] |
|--|--|--|--|
| 50 x 100 | 10 | Pre printed on both sides in Italian [rigid] 2 vorgedruckte Streifen [ita] Preimpreso 2 caras [ita] rígido | UN1I |
| | | Pre printed on both sides in English [rigid] 2 vorgedruckte Streifen [eng] Preimpreso 2 caras [eng] rígido | UN1U |
| 40 x 100 | 100 | Pre printed on both sides in Italian [soft] 2 vorgedruckte Streifen [ita] kostengünstig 2 caras preimpresas [ita] blando | UN2I |
| 40 x 50 | 100 | Pre printed on both sides in Italian [soft] 2 vorgedruckte Streifen [ita] kostengünstig 2 caras preimpresas [ita] blando | UN2IMINI |