



### Long Outlet Shape, VG style

#### Helashrink 130 Series, with rib, low profile

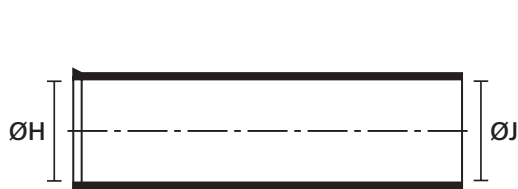
- Low profile and lightweight
- Typically used on airborne harnesses
- Rib locates on circular backshell



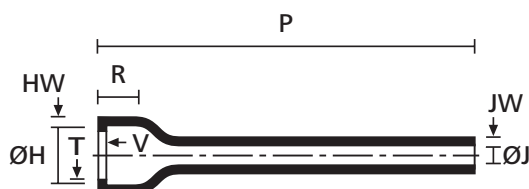
**For Material / Adhesive selection and other information please refer to page 10.**



135-1 supplied / fully recovered.



a: Expanded form (supplied)



b: Fully recovered form (after heating)

| TYPE  | Designation as per AS/VG-Norm | ØH min.<br>a    | ØH max.<br>b    | ØJ min.<br>a    | ØJ max.<br>b   | P ± 10%          | R ± 10%        | HW ± 20%      | JW ± 20%      | V ± 10%       | T ± 10%        |
|-------|-------------------------------|-----------------|-----------------|-----------------|----------------|------------------|----------------|---------------|---------------|---------------|----------------|
| 129-1 | VG 95343 T06 D 001 A          | 22.0<br>(.86")  | 12.0<br>(.47")  | 22.0<br>(.86")  | 6.5<br>(.25")  | 76.0<br>(2.96")  | 12.0<br>(.47") | 1.5<br>(.06") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 129-4 | AS85049/14009HU               | 22.3<br>(.87")  | 11.4<br>(.44")  | 22.3<br>(.87")  | 6.5<br>(.25")  | 105.9<br>(4.13") | 11.7<br>(.46") | 1.5<br>(.06") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 130-1 | VG 95343 T06 D 002 A          | 25.5<br>(.99")  | 15.0<br>(.59")  | 25.5<br>(.99")  | 7.5<br>(.29")  | 83.0<br>(3.24")  | 12.0<br>(.47") | 1.5<br>(.06") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 130-4 | AS85049/14010HU               | 25.6<br>(1")    | 15.0<br>(.59")  | 25.6<br>(1")    | 7.4<br>(.29")  | 121.2<br>(4.73") | 12.2<br>(.48") | 1.5<br>(.06") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 131-1 | VG 95343 T06 D 003 A          | 29.0<br>(1.13") | 19.0<br>(.74")  | 29.0<br>(1.13") | 8.5<br>(.33")  | 89.0<br>(3.47")  | 12.0<br>(.47") | 1.8<br>(.07") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 131-4 | AS85049/14011HU               | 29.4<br>(1.15") | 18.8<br>(.73")  | 29.4<br>(1.15") | 8.4<br>(.33")  | 138.7<br>(5.41") | 12.2<br>(.48") | 1.8<br>(.07") | 1.1<br>(.04") | 1.0<br>(.04") | 1.0<br>(.04")  |
| 132-1 | VG 95343 T06 D 004 A          | 34.0<br>(1.33") | 23.0<br>(.9")   | 34.0<br>(1.33") | 10.0<br>(.39") | 102.0<br>(3.98") | 12.0<br>(.47") | 1.8<br>(.07") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.039") |
| 132-2 |                               | 34.0<br>(1.33") | 22.9<br>(.89")  | 34.0<br>(1.33") | 9.7<br>(.38")  | 35.0<br>(1.37")  | 12.2<br>(.48") | 1.8<br>(.07") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 132-4 | AS85049/14012HU               | 34.0<br>(1.33") | 22.9<br>(.89")  | 34.0<br>(1.33") | 9.7<br>(.38")  | 159.5<br>(6.22") | 12.2<br>(.48") | 1.8<br>(.07") | 1.1<br>(.04") | 3.0<br>(.12") | 1.0<br>(.04")  |
| 133-1 | VG 95343 T06 D 005 A          | 37.0<br>(1.44") | 30.0<br>(1.17") | 37.0<br>(1.44") | 11.0<br>(.43") | 108.0<br>(4.21") | 14.0<br>(.55") | 2.0<br>(.08") | 1.1<br>(.04") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 133-2 |                               | 37.3<br>(1.45") | 26.9<br>(1.05") | 37.3<br>(1.45") | 10.4<br>(.41") | 47.0<br>(1.83")  | 14.0<br>(.55") | 2.0<br>(.08") | 1.1<br>(.04") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 133-3 |                               | 37.3<br>(1.45") | 29.5<br>(1.15") | 37.3<br>(1.45") | 10.4<br>(.41") | 60.0<br>(2.34")  | 14.0<br>(.55") | 2.0<br>(.08") | 1.1<br>(.04") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 133-4 | AS85049/14013HU               | 37.3<br>(1.45") | 26.9<br>(1.05") | 37.3<br>(1.45") | 10.4<br>(.41") | 177.8<br>(6.93") | 14.0<br>(.55") | 2.0<br>(.08") | 1.1<br>(.04") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 134-1 | VG 95343 T06 D 006 A          | 43.5<br>(1.7")  | 34.0<br>(1.33") | 43.5<br>(1.7")  | 12.0<br>(.47") | 114.0<br>(4.45") | 15.0<br>(.59") | 2.0<br>(.08") | 1.1<br>(.04") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 134-4 | AS85049/14014HU               | 43.7<br>(1.7")  | 34.0<br>(1.33") | 43.7<br>(1.7")  | 12.2<br>(.48") | 203.2<br>(7.92") | 15.2<br>(.59") | 2.0<br>(.08") | 1.1<br>(.04") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 135-1 | VG 95343 T06 D 007 A          | 50.0<br>(1.95") | 41.0<br>(1.6")  | 50.0<br>(1.95") | 14.5<br>(.57") | 118.0<br>(4.6")  | 15.0<br>(.59") | 2.3<br>(.09") | 1.4<br>(.05") | 3.0<br>(.12") | 1.7<br>(.07")  |
| 135-4 | AS85049/14015HU               | 50.0<br>(1.95") | 41.2<br>(1.61") | 50.0<br>(1.95") | 14.2<br>(.55") | 203.2<br>(7.92") | 15.2<br>(.59") | 2.3<br>(.09") | 1.4<br>(.05") | 3.0<br>(.12") | 1.7<br>(.07")  |

Dimensions in mm, inches in brackets. Subject to technical changes.

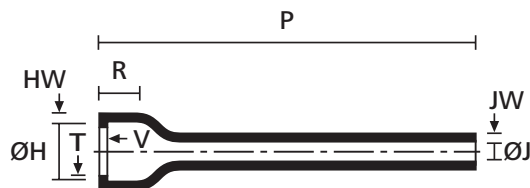


### Long Outlet Shape, VG style

Helashrink 130 Series, with rib, low profile



a: Expanded form (supplied)



b: Fully recovered form (after heating)

| TYPE  | Designation as per AS/VG-Norm | ØH min.<br>a    | ØH max.<br>b    | ØJ min.<br>a    | ØJ max.<br>b   | P ±<br>10%       | R ±<br>10%     | HW ±<br>20%   | JW ±<br>20%    | V ±<br>10%    | T ±<br>10%    |
|-------|-------------------------------|-----------------|-----------------|-----------------|----------------|------------------|----------------|---------------|----------------|---------------|---------------|
| 136-1 | VG 95343 T06 D 008 A          | 62.5<br>(2.44") | 47.0<br>(1.83") | 62.5<br>(2.44") | 18.0<br>(.7")  | 121.0<br>(4.72") | 16.0<br>(.62") | 2.5<br>(.1")  | 1.4<br>(.05")  | 3.0<br>(.12") | 2.0<br>(.08") |
| 136-2 |                               | 70.0<br>(2.73") | 47.0<br>(1.83") | 70.0<br>(2.73") | 17.5<br>(.68") | 125.0<br>(4.88") | 16.0<br>(.62") | 2.5<br>(.1")  | 1.4<br>(.05")  | 3.0<br>(.12") | 2.0<br>(.08") |
| 136-4 | AS85049/14016HU               | 62.7<br>(2.45") | 47.0<br>(1.83") | 62.7<br>(2.45") | 17.5<br>(.68") | 203.2<br>(7.92") | 16.0<br>(.62") | 2.5<br>(.1")  | 1.4<br>(.05")  | 3.0<br>(.12") | 2.0<br>(.08") |
| 138-1 | VG 95343 T06 D 009 A          | 69.0<br>(2.69") | 60.0<br>(2.34") | 69.0<br>(2.69") | 20.0<br>(.78") | 127.0<br>(4.95") | 16.0<br>(.62") | 2.5<br>(.1")  | 1.4<br>(.05")  | 3.0<br>(.12") | 2.0<br>(.08") |
| 138-4 | AS85049/14017HU               | 69.3<br>(2.73") | 59.7<br>(2.35") | 69.3<br>(2.73") | 19.6<br>(.77") | 203.2<br>(8.00") | -              | 2.5<br>(.10") | 1.4<br>(.055") | -             | -             |

Dimensions in mm, inches in brackets. Subject to technical changes.

| Combinations "On request" |          |   |   |   |   |
|---------------------------|----------|---|---|---|---|
| Adhesive                  | Material |   |   |   |   |
|                           | B7       | G | J | H | L |
| WM250                     | •        | • | • | • | - |
| W8                        | •        | • | • | • | - |
| W24                       | •        | • | • | • | • |
| W21                       | •        | • | • | • | - |
| HMT200A                   | •        | • | • | • | - |
| V9500                     | •        | • | • | • | • |
| Without Adhesive          | •        | • | • | • | • |

| Standard Combinations |                |
|-----------------------|----------------|
| Type                  | Article Number |
| 129-4-G               | 401-29025      |
| 129-1-G               | 401-29180      |
| 130-4-G               | 401-30021      |
| 130-1-G               | 401-30180      |
| 131-4-G               | 401-31028      |
| 131-1-G               | 401-31180      |
| 132-2-G               | 401-32014      |
| 132-4-G               | 401-32030      |
| 132-1-G               | 401-32180      |
| 133-2-JWM250          | 401-33008      |
| 133-4-G               | 401-33021      |
| 133-3-B7WM250         | 401-33036      |
| 133-1-G               | 401-33180      |
| 134-4-G               | 401-34015      |
| 134-1-G               | 401-34180      |
| 135-4-G               | 401-35009      |
| 135-1-G               | 401-35180      |
| 136-4-G               | 401-36006      |
| 136-2-JW8             | 401-36024      |
| 136-1-G               | 401-36180      |
| 138-1-G               | 401-38180      |