

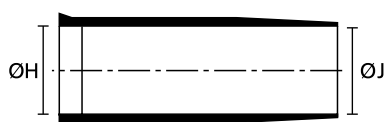


### Bottle Shapes, VG style

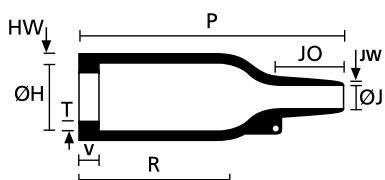
- Helashrink 150 Series, with rib

#### Features and Benefits

- Use in conjunction with circular grooved adaptor
- For strain relief and environmental sealing



a: Expanded form (supplied)



b: Fully recovered form (after heating)



150 Series boot recovered onto a connector.



150 Series supplied.

| TYPE     | ØH<br>min.<br>a | ØH<br>max.<br>b | ØJ<br>min.<br>a | ØJ<br>max.<br>b | P ±<br>10% | R ±<br>10% | JO ±<br>10% | HW ±<br>20% | JW ±<br>20% | V ±<br>10% | V<br>max. | T ±<br>20% | Designation as per<br>VG-Norm | Article-No. |
|----------|-----------------|-----------------|-----------------|-----------------|------------|------------|-------------|-------------|-------------|------------|-----------|------------|-------------------------------|-------------|
| 152-41-G | 24.0            | 10.5            | 24.0            | 6.0             | 26.0       | 9.0        | 10.0        | 1.6         | 0.5         | 3.0        | 3.3       | 1.0        | VG 95343 T06 A 001 A          | 401-52780   |
| 152-42-G | 24.0            | 10.5            | 24.0            | 6.0             | 38.0       | 21.0       | 10.0        | 1.6         | 0.5         | 3.0        | 3.3       | 1.0        | VG 95343 T06 B 001 A          | 401-52880   |
| 153-41-G | 25.0            | 14.0            | 9.0             | 3.5             | 40.0       | 13.0       | 16.0        | 1.8         | 0.5         | 3.0        | 3.3       | 1.0        | VG 95343 T06 A 002 A          | 401-53780   |
| 153-42-G | 25.0            | 14.0            | 9.0             | 3.5             | 55.0       | 28.0       | 16.0        | 1.8         | 0.5         | 3.0        | 3.3       | 1.0        | VG 95343 T06 B 002 A          | 401-53880   |
| 154-41-G | 30.0            | 14.0            | 30.0            | 6.0             | 43.0       | 20.0       | 13.0        | 1.8         | 1.0         | 3.0        | 3.3       | 1.0        | VG 95343 T06 A 003 A          | 401-54780   |
| 154-42-G | 30.0            | 14.0            | 30.0            | 6.0             | 55.0       | 32.0       | 13.0        | 1.8         | 1.0         | 3.0        | 3.3       | 1.0        | VG 95343 T06 B 003 A          | 401-54880   |
| 155-41-G | 31.0            | 18.0            | 31.0            | 7.0             | 47.0       | 15.0       | 18.0        | 1.8         | 1.0         | 3.0        | 3.3       | 1.0        | VG 95343 T06 A 004 A          | 401-55780   |
| 155-42-G | 31.0            | 18.0            | 31.0            | 7.0             | 67.0       | 35.0       | 18.0        | 1.8         | 1.0         | 3.0        | 3.3       | 1.0        | VG 95343 T06 B 004 A          | 401-55880   |
| 156-41-G | 36.0            | 22.5            | 36.0            | 8.5             | 60.0       | 22.0       | 20.0        | 2.0         | 1.0         | 3.0        | 3.3       | 1.0        | VG 95343 T06 A 005 A          | 401-56780   |
| 156-42-G | 36.0            | 22.5            | 36.0            | 8.5             | 80.0       | 42.0       | 20.0        | 2.0         | 1.0         | 3.0        | 3.3       | 1.0        | VG 95343 T06 B 005 A          | 401-56880   |
| 157-41-G | 43.0            | 28.0            | 43.0            | 10.0            | 60.0       | 21.0       | 20.0        | 2.2         | 1.0         | 3.0        | 3.3       | 1.7        | VG 95343 T06 A 006 A          | 401-57780   |
| 157-42-G | 43.0            | 28.0            | 43.0            | 10.0            | 79.0       | 41.0       | 20.0        | 2.2         | 1.0         | 3.0        | 3.3       | 1.7        | VG 95343 T06 B 006 A          | 401-57880   |
| 157-43-G | 43.0            | 28.0            | 43.0            | 10.0            | 99.0       | 61.0       | 20.0        | 2.2         | 1.0         | 3.0        | 3.3       | 1.7        | VG 95343 T06 C 001 A          | 401-57980   |
| 158-41-G | 60.0            | 35.0            | 60.0            | 16.0            | 90.0       | 32.0       | 38.0        | 3.2         | 1.5         | 3.0        | 3.3       | 1.7        | VG 95343 T06 A 007 A          | 401-58780   |
| 158-42-G | 60.0            | 35.0            | 60.0            | 16.0            | 110.0      | 52.0       | 38.0        | 3.2         | 1.5         | 3.0        | 3.3       | 1.7        | VG 95343 T06 B 007 A          | 401-58880   |
| 158-43-G | 60.0            | 35.0            | 60.0            | 16.0            | 130.0      | 72.0       | 38.0        | 3.2         | 1.5         | 3.0        | 3.3       | 1.7        | VG 95343 T06 C 002 A          | 401-58980   |
| 159-41-G | 66.0            | 45.0            | 66.0            | 17.0            | 130.0      | 50.0       | 50.0        | 3.8         | 2.0         | 3.0        | 3.3       | 2.0        | VG 95343 T06 A 008 A          | 401-59780   |
| 159-42-G | 66.0            | 45.0            | 66.0            | 17.0            | 150.0      | 70.0       | 50.0        | 3.8         | 2.0         | 3.0        | 3.3       | 2.0        | VG 95343 T06 B 008 A          | 401-59880   |
| 159-43-G | 66.0            | 45.0            | 66.0            | 17.0            | 171.0      | 90.0       | 50.0        | 3.8         | 2.0         | 3.0        | 3.3       | 2.0        | VG 95343 T06 C 003 A          | 401-59980   |
| 160-41-G | 82.0            | 58.0            | 82.0            | 27.0            | 137.0      | 37.0       | 62.0        | 3.8         | 3.8         | 3.0        | 3.3       | 2.0        | VG 95343 T06 A 009 A          | 401-60780   |
| 160-42-G | 82.0            | 58.0            | 82.0            | 27.0            | 158.0      | 58.0       | 62.0        | 3.8         | 3.8         | 3.0        | 3.3       | 2.0        | VG 95343 T06 B 009 A          | 401-60880   |
| 160-43-G | 82.0            | 58.0            | 82.0            | 27.0            | 213.0      | 113.0      | 62.0        | 3.8         | 3.8         | 3.0        | 3.3       | 2.0        | VG 95343 T06 C 004 A          | 401-60980   |

All dimensions in mm. Subject to technical changes.

For these moulded shapes a wide range of material / adhesive combinations are available. Please refer to the moulded shapes catalogue.



For product specific approvals and specifications please refer to the Appendix.