



Bottle Shapes

Helashrink 100 Series, without rib

- Strain relief for connector cable
- Easy re-entry for repair when combined with hot melt adhesive



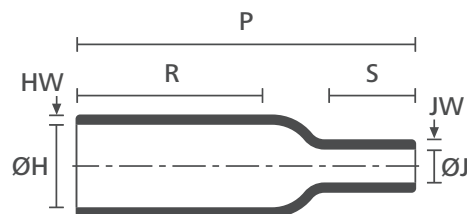
For Material / Adhesive selection and other information please refer to page 10.



100 series supplied / fully recovered.



a: Expanded form (supplied)



b: Fully recovered form (after heating)

TYPE	ØH min. a	ØH max. b	ØJ min. a	ØJ max. b	P ± 10%	R max.	HW ± 20%	JW ± 30%	S nom.
101-1	31.0 (1.21")	17.8 (.69")	31.0 (1.21")	7.1 (.28")	66.0 (2.57")	38.1 (1.49")	2.0 (.08")	2.0 (.08")	17.8 (.69")
101-2	23.9 (.93")	17.8 (.69")	15.5 (.6")	7.1 (.28")	66.0 (2.57")	38.1 (1.49")	2.0 (.08")	2.0 (.08")	17.8 (.69")
102-1	36.1 (1.41")	22.4 (.87")	36.1 (1.41")	8.4 (.33")	73.7 (2.87")	43.2 (1.68")	1.8 (.07")	1.8 (.07")	17.8 (.69")
102-2	30.0 (1.17")	22.4 (.87")	18.0 (.7")	8.4 (.33")	73.7 (2.87")	43.2 (1.68")	1.8 (.07")	1.8 (.07")	17.8 (.69")
103-1	42.7 (1.67")	28.2 (1.1")	42.7 (1.67")	9.9 (.39")	95.5 (3.72")	54.0 (2.11")	2.0 (.08")	2.0 (.08")	24 (.94")
103-2	37.8 (1.47")	28.2 (1.1")	21.3 (.83")	9.9 (.39")	95.5 (3.72")	54.0 (2.11")	2.0 (.08")	2.0 (.08")	24 (.94")
104-1	16.5 (.64")	7.9 (.31")	16.5 (.64")	3.8 (.15")	25.4 (.99")	14.2 (.55")	1.3 (.05")	1.3 (.05")	6.9 (.27")
104-2	10.7 (.42")	7.9 (.31")	8.4 (.33")	3.8 (.15")	25.4 (.99")	14.2 (.55")	1.3 (.05")	1.3 (.05")	6.9 (.27")
105-1	23.4 (.91")	10.4 (.41")	23.4 (.91")	5.6 (.22")	38.1 (1.49")	22.9 (.89")	1.5 (.06")	1.5 (.06")	10.2 (.4")
106-1	31.0 (1.21")	14.2 (.55")	31.0 (1.21")	6.6 (.26")	55.4 (2.16")	26.5 (1.03")	1.8 (.07")	1.8 (.07")	16.5 (.64")
106-2	19.3 (.75")	14.2 (.55")	14.2 (.55")	6.6 (.26")	55.4 (2.16")	26.5 (1.03")	1.8 (.07")	1.8 (.07")	16.5 (.64")
107-1	51.9 (2.02")	35.1 (1.37")	51.9 (2.02")	15.8 (.62")	124.5 (4.86")	66.0 (2.57")	3.1 (.12")	3.1 (.12")	40.6 (1.58")
107-2	46.9 (1.83")	35.1 (1.37")	35.6 (1.39")	15.8 (.62")	124.5 (4.86")	66.0 (2.57")	3.1 (.12")	3.1 (.12")	40.6 (1.58")
108-1	13.7 (.53")	10.4 (.41")	6.6 (.26")	3.1 (.12")	38.1 (1.49")	22.9 (.89")	1.5 (.06")	1.0 (.04")	7.6 (.3")
108-2	27.9 (1.09")	10.4 (.41")	7.9 (.31")	3.1 (.12")	38.1 (1.49")	22.9 (.89")	1.5 (.06")	1.0 (.04")	7.6 (.3")
109-1	19.3 (.75")	14.2 (.55")	8.1 (.32")	4.1 (.16")	53.3 (2.08")	35.6 (1.39")	2.0 (.08")	1.3 (.05")	7.6 (.3")

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





Bottle Shapes

Helashrink 100 Series

TYPE	ØH min. a	ØH max. b	ØJ min. a	ØJ max. b	P ± 10%	R max.	HW ± 20%	JW ± 30%	S nom.
109-2	38.1 (1.49")	14.2 (.55")	11.7 (.46")	4.1 (.16")	53.3 (2.08")	35.6 (1.39")	2.0 (.08")	1.3 (.05")	7.6 (.3")
110-1	23.9 (.93")	17.8 (.69")	11.7 (.46")	5.6 (.22")	63.5 (2.48")	38.1 (1.49")	2.5 (.1")	1.5 (.06")	12.7 (.5")
110-2	50.8 (1.98")	17.8 (.69")	17.0 (.66")	5.6 (.22")	63.5 (2.48")	38.1 (1.49")	2.5 (.1")	1.5 (.06")	12.7 (.5")
111-1	30.0 (1.17")	22.4 (.87")	14.7 (.57")	7.1 (.28")	76.2 (2.97")	43.2 (1.68")	3.1 (.12")	1.8 (.07")	15.2 (.59")
111-2	63.5 (2.48")	22.4 (.87")	21.3 (.83")	7.1 (.28")	76.2 (2.97")	43.2 (1.68")	3.1 (.12")	1.8 (.07")	15.2 (.59")
116-1	59.4 (2.32")	44.5 (1.74")	43.7 (1.7")	20.8 (.81")	158.8 (6.19")	91.4 (3.56")	5.6 (.22")	4.6 (.18")	41.9 (1.63")
118-1	66.0 (2.57")	44.4 (1.73")	66.0 (2.57")	20.3 (.79")	150.0 (5.85")	80.0 (3.12")	3.8 (.15")	3.8 (.15")	48.3 (1.88")
119-1	86.4 (3.37")	57.2 (2.23")	86.4 (3.37")	26.6 (1.04")	209.6 (8.17")	118.1 (4.61")	4.6 (.18")	4.6 (.18")	61 (2.38")
1006-1	40.0 (1.56")	20.0 (.78")	20.0 (.78")	6.0 (.23")	78.8 (3.07")	30.0 (1.17")	1.5 (.06")	1.0 (.04")	20 (.78")

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

Standard Combinations	
Type	Article Number
101-1-G	401-01006
101-2-G	401-01026
102-1-G	401-02005
102-2-G	401-02020
103-1-G	401-03006
103-2-B7	401-03024
104-1-G	401-04006
104-2-G	401-04017
105-1-G	401-05005
106-1-G	401-06005
106-2-G	401-06023
107-1-G	401-07006
107-2-B7	401-07016
108-1-B7	401-08001
108-2-G	401-08016
109-1-B7	401-09002
109-2-G	401-09011
110-1-G	401-10005
110-2-G	401-10011
111-1-J	401-11003
111-2-G	401-11011
118-1-G	401-18005
119-1-B7	401-19001
1006-1-B7	410-06006
116-1-B7.	401-16007

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