



1		2		3									
d ₁	d ₂	Length l				d ₃	h	s	t	Spring rate ≈ in N/mm Hardness 55	Max. load in N Hardness 55	Max. travel ≈ in mm Hardness 55	
19	M 5	6	10	20	12	16	2	5	63	250	4		
25	M 6	8	12	25	16,5	20,5	2	6	90	460	5,1		
32	M 8	10	16	30	21	26	2	8	117	760	6,5		
38	M 8	10	16	30	24,5	32	2	8	113	900	8		
50	M 10	12	20	40	32	43	2	8	148	1580	10,7		

* not available from stock, requires a minimum order quantity

Specification

- Silicone rubber MVQ (Elastosil®)
 - FDA compliant
 - Gray RAL 7040
 - Blue RAL 5002
 - Temperature resistant up to 200 °C
 - Vulcanized to the cover plate
 - Hardness Shore A ±5
 - Soft* **40**
 - Medium **55**
 - Hard* **70**

- GR
- BL

- Cover plates, threaded bushings, threaded studs
Stainless steel AISI 304
- *Elastomer Characteristics* → Page 2158
- *Stainless Steel Characteristics* → Page 2166
- RoHS

On request

- Other colors

Information

Silicon buffers GN 256 are used as end stops or setup elements for machine and systems, e.g. for conveyors.

The silicon rubber used absorbs vibrations, has a damping effect, is age-resistant and has an increased working temperature range. Thanks to the material purity, use is possible in the food and medicine industry.

Thanks to the FDA-compliant material, the buffers are also found in applications with food hygiene requirements.

see also...

- *Buffers GN 253 / GN 254* → Page 1528 / 1529
- *Buffers GN 352 / GN 452* → Page 1531
- *Buffers GN 353 / GN 453* → Page 1527 / 1527

How to order (With internal thread)	1 d ₁
	2 d ₂
	4 Hardness
	5 Color
GN 256-50-M10-55-BL	

How to order (With threaded stud)	1 d ₁
	2 d ₂
	3 Length l
	4 Hardness
	5 Color
GN 256-25-M6-12-55-GR	