

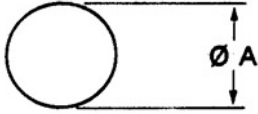
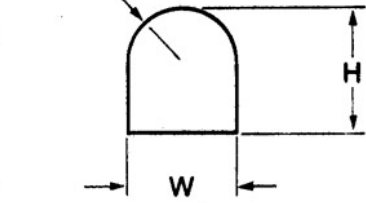
Code 823-825

CONDUCTIVE SILICONE EXTRUSIONS

Section C

DESCRIPTION

The specification of the standard SURSHIELD volume conductive metallic loaded polymers in silicone extrusions are set out on the previous page. Fluorosilicone compounds can also be employed in extrusions. Customised extrusion tooling can readily be manufactured and if appropriate parts can also be moulded. The full part number is obtained by stipulating the silicone grade selected and adding the section suffix below. For example 52-CSS-116-103 specifies: Nickel-graphite loaded silicone in a circular cross-section 1.57 mm diameter "O" Rings and cut to length parts can be produced.

Description	Section Suffix	Nominal Dimensions (mm)			Section
Circular	103	Diameter A			
		1.57			
		1.80			
		2.03			
		2.36			
		2.62			
		2.84			
		3.02			
		3.18			
		3.30			
		3.53			
		3.81			
		4.06			
		4.78			
		5.49			
		6.35			
		Tubular	501	Diameter A	
2.62	1.02				
3.18	1.14				
3.18	1.57				
3.96	1.27				
4.50	2.01				
6.35	3.18				
7.92	4.88				
9.53	6.35				
'D'	201	H	W	Radius R	
		1.57	1.57	0.78	
		1.63	1.40	0.79	
		1.73	1.57	0.79	
		1.98	2.39	1.19	
		2.26	1.98	0.99	
		2.36	2.36	1.18	
		2.54	1.57	0.79	
		2.79	3.81	1.91	
		3.18	3.18	1.59	
		3.43	3.10	1.55	
		3.96	3.00	1.50	
		4.45	4.52	2.26	
		4.78	4.78	2.39	
		6.35	6.35	3.17	

Section C CONDUCTIVE SILICONE EXTRUSIONS (cont.)

Codes - 823-825

These further sections follow those on the previous page with the same material options:

Description	Section Suffix	Nominal Dimensions (mm)				Section
		A	B	Radius C	D	
Hollow 'D'	601	3.96	1.98	1.98	1.14	
	602	4.75	2.36	2.36	1.27	
	603	6.35	3.18	3.18	1.65	
	604	7.92	3.96	3.96	1.57	
	606	12.37	2.03	6.20	2.03	
Rectangular	301	A		B		
		1.60		1.07		
	302	2.41		1.57		
	303	3.05		1.91		
	304	3.18		1.57		
	305	3.96		1.57		
	306	6.35		1.57		
	307	12.70		1.91		
	308	12.70		3.18		
	309	12.70		4.78		
	310	19.05		1.57		
	311	22.35		1.57		
	312	25.40		6.35		
313	29.97		1.57			
Hollow Rectangular		A	B	Diameter C		
	701	7.75	8.38	3.18		
	702	9.53	9.53	4.78		
Channel		A	B	C	D	
	401	2.54	2.54	0.86	0.84	
	402	3.20	2.79	0.64	1.27	
	403	3.20	5.72	0.51	1.91	
	404	3.25	6.35	2.36	2.39	
	405	3.96	3.96	0.76	0.78	
	406	3.96	3.96	1.57	1.19	
	407	4.45	3.96	1.19	1.91	
	408	4.78	4.78	1.57	1.60	
	409	5.54	10.89	2.36	2.77	
	410	6.35	6.35	1.57	1.57	
	411	7.92	12.70	3.18	3.17	
	413	9.53	12.70	4.78	3.17	

The full part number is derived by stipulating the silicone selected and adding the section suffix above. For Example 52-CSS-116-103 specifies nickel plated graphite in solid silicone in a circular cross section 1.57 mm dia. Add FS for (fluorosilicone) and add a suffix /A for a non-conducting adhesive PSA backing or CA for a conducting PSA.

New Metals & Chemicals Ltd.
Newmet House, Rue De St Lawrence, Waltham Abbey, Essex, EN9 1PF, UK

T: +44 (0) 1992 711111 /: +44 (0) 1992 768393 (: materials@newmet.co.uk *: www.newmetalsandchemicals.com
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