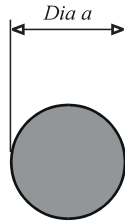


Standard Extruded Profiles

A comprehensive range of cross sections and materials are available in extruded form. The profiles shown below are preferred standard sizes that are readily available. T. C. Shielding also manufacture many customer specials for applications that are not satisfied by standard profiles. Typical cross sectional tolerance: $\pm 0.15\text{mm}$. All dimensions shown in mm.

'O' Section

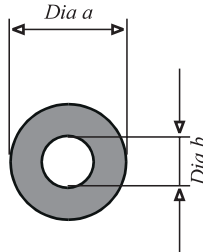
Ordering Ref:
EA-XX-XXX



TC Ref.	Dia. a	TC Ref.	Dia. a
010	1.02	019	3.18
011	1.35	020	3.30
012	1.57	021	3.53
013	1.78	022	3.81
014	2.03	023	4.06
015	2.36	024	4.78
016	2.62	025	5.49
017	2.84	026	6.35
018	3.02		

Hollow 'O' Section

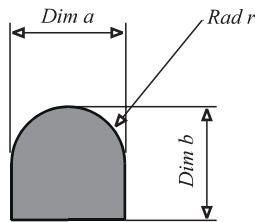
Ordering Ref:
EB-XX-XXX



TC Ref.	Dia. a	Dia. b
027	2.40	0.80
028	3.18	1.14
029	3.96	1.27
030	6.35	3.18
031	7.92	4.88
032	9.53	6.35

'D' Section

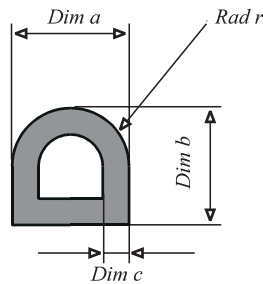
Ordering Ref:
EC-XX-XXX



TC Ref.	Dim. a	Dim. b	Rad. R
033	1.40	1.63	0.70
034	1.57	1.73	0.79
035	2.39	1.98	1.19
036	1.98	2.26	0.99
037	1.57	2.54	0.79
038	3.81	2.79	1.91
039	3.00	3.96	1.50
040	4.52	4.45	2.26
041	3.96	3.96	1.98

Hollow 'D' Section

Ordering Ref:
ED-XX-XXX



TC Ref.	Dim. a	Dim. b	Dim. c	Rad R
042	3.96	3.96	1.14	1.98
043	4.75	4.72	1.27	2.36
044	7.92	7.92	1.27	3.96
045	7.92	7.92	1.57	3.96
046	12.37	8.23	2.03	6.20
047	6.35	6.35	1.65	3.18

Standard Extruded Profiles

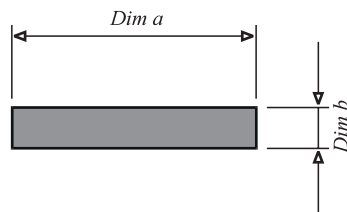
Ordering Ref: EA-XX-XXX

Example

EA	1D/1	010
Extruded	Silver	1.02 Dia.
'O' Sect. Aluminium/Silicone 'O' Sect.		

Flat Strip Section

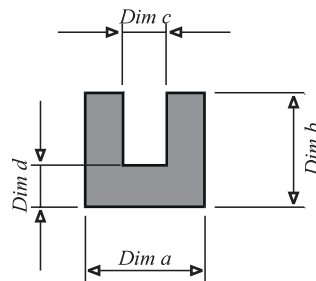
Ordering Ref:
EE-XX-XXX



TC Ref.	Dim a	Dim b	TC Ref.	Dim a	Dim b
048	1.60	1.07	067	12.70	1.91
049	2.41	1.57	068	12.70	3.18
050	3.05	1.91	069	12.70	4.78
051	3.18	1.57	070	19.05	1.57
052	3.96	1.57	071	22.35	1.57
053	6.35	1.57	072	25.40	6.35

Channel Section

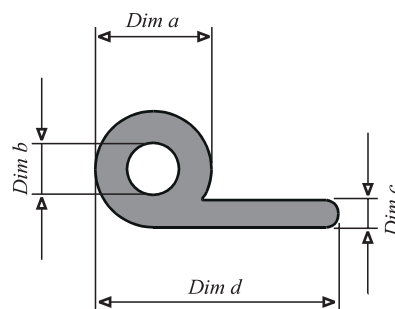
Ordering Ref:
EF-XX-XXX



TC Ref.	Dim a	Dim b	Dim c	Dim d
054	2.54	2.54	0.86	0.84
055	3.20	2.79	0.66	1.27
056	3.20	5.72	0.51	1.91
057	3.96	3.94	1.57	1.19
058	4.45	3.96	1.19	1.91
059	8.31	5.94	1.57	2.92

Hollow 'P' Section

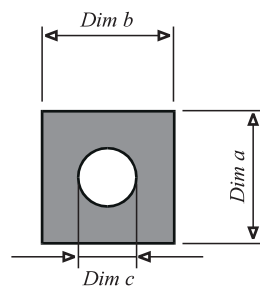
Ordering Ref:
EG-XX-XXX



TC Ref.	Dim a	Dim b	Dim c	Dim d
060	5.08	2.03	1.57	12.70
061	5.08	2.03	1.57	21.59
062	6.35	3.18	1.57	12.70
063	6.35	3.18	1.57	15.88
064	6.35	3.18	1.57	22.22
065	7.92	4.75	1.57	22.22
066	9.14	6.48	1.79	19.81

Hollow Rectangular Section

Ordering Ref:
EH-XX-XXX



TC Ref.	Dim a	Dim b	Dia. c
073	7.75	8.38	3.18
074	9.53	9.53	4.78

NOTE: Sharp corners will have radii 0.15 - 0.30mm

Special Extruded Profiles

Non standard profiles that have all been developed to suit specific customer applications for **conductive** elastomer seals.

<p>ES-XX-101</p>	<p>ES-XX-118</p>	<p>ES-XX-159</p>	<p>ES-XX-152</p>
<p>ES-XX-172</p>	<p>ES-XX-181</p>	<p>ES-XX-177</p>	<p>ES-XX-190</p>
<p>ES-XX-218</p>	<p>ES-XX-229</p>	<p>ES-XX-238</p>	<p>ES-XX-246</p>
<p>ES-XX-265</p>	<p>ES-XX-268</p>	<p>ES-XX-272</p>	<p>ES-XX-275</p>

Special Extruded Profiles

Non standard profiles that have all been developed to suit specific customer applications for **conductive** elastomer seals.

<p>ES-XX-285</p>	<p>ES-XX-318</p>	<p>ES-XX-353</p>	<p>ES-XX-380</p>
<p>ES-XX-390</p>	<p>ES-XX-395</p>	<p>ES-XX-420</p>	<p>ES-XX-446</p>
<p>ES-XX-480</p>	<p>ES-XX-495</p>	<p>ES-XX-497</p>	<p>ES-XX-514</p>
<p>ES-XX-518</p>	<p>ES-XX-524</p>	<p>ES-XX-571</p>	<p>ES-XX-597</p>

Special Extruded Profiles

Non standard profiles that have all been developed to suit specific customer applications for **carbon loaded** elastomer seals.

<p>ES-XX-298</p>	<p>ES-XX-332</p>	<p>ES-XX-353</p>	<p>ES-XX-428</p>
<p>ES-XX-435</p>	<p>ES-XX-486</p>	<p>ES-XX-488</p>	<p>ES-XX-489</p>
<p>ES-XX-540</p>	<p>SK340</p>	<p>SK341</p>	<p>SK413</p>

T C Shielding Ltd has designed and developed a range of special lower cost profiles for EMC related enclosures.

Based on carbon loaded silicone, a range of clip-on, rivet mounted and P.S.A. backed extrusions can be supplied as extruded lengths or mitre jointed to suit cabinets,

Shielding is a minimum of 30-65dB from 200KHz-10GHz and environmental sealing performance of IP65 and beyond.