



**COBA**  
plastics group



Design | Develop | Deliver

## Extrusions & Mouldings for Automotive Seating & Interiors



# ABOUT COBA PLASTICS GROUP

Founded in 1966, the automotive industry has steered COBA Plastics Group for over 60 years. It now employs over 650 people operating out of five countries, enjoying global recognition.

Through partnership with the world's largest automotive manufacturers we continue to be involved with some of the most successful vehicles ever, with COBA parts becoming standard for many leading brands.

## TECHNICAL & EXTERIOR

COBA Plastics Group also sets the pace when it comes to Technical Sealing solutions. We are market leaders in Glazing and Exterior Sealing solutions, and produce a large range of technical extrusions and mouldings for external and internal use, working alongside our clients to produce bespoke thermoplastic components of the highest quality.

With our own in house product design and tooling manufacture we offer technical solutions for both weight and cost saving initiatives. Visit [www.cobaplastics.com](http://www.cobaplastics.com) for more information on our technical and exterior product offering.



## Tier 1

Tier 1 & OEM supplier to the top automotive manufacturers.

# 4,000,000

Thermoplastic components produced every day.

# 650+

People across 8 locations

# 75

Active extrusion lines across Europe & Africa.

## TRIM EXPERT®

TrimExpert® is COBA Plastics Group's new product selection and sample ordering online tool for our automotive seating clients.

Choose from over 2000 profiles and products with this easy online tool, simplifying workflows and saving time.

Email [TrimExpert@cobaplastics.com](mailto:TrimExpert@cobaplastics.com) or contact your account manager for free access.



## COBA PLASTICS GROUP LOCATIONS

- Fleckney  
Extrusion, Injection Moulding, Precision Engineering  
Leicestershire, UK
- Thurmaston  
Hose & Tube Extrusion  
Leicestershire, UK
- Ansbach Office  
Germany
- Ploiesti  
Extrusion, Injection Moulding  
Romania
- Terchova  
Extrusion, Injection Moulding  
Slovakia
- Cape Town  
Extrusion, Injection Moulding  
South Africa
- Tangier  
Distribution Hub  
Morocco



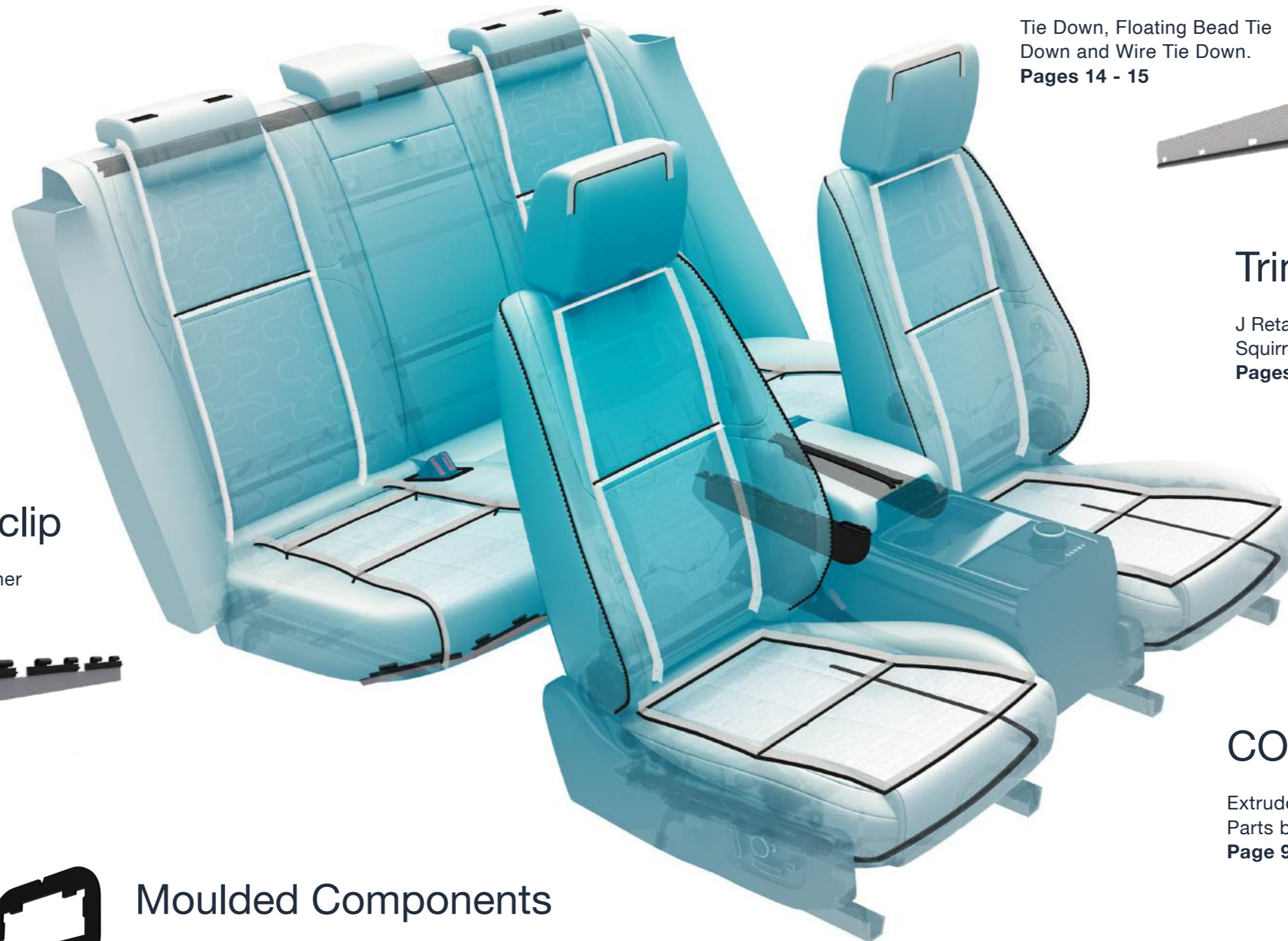
**Agile by Design, with a Reputation for Performance and Reliability.**

COBA Plastics Group is a globally trusted partner for many new automotive seating projects. We offer one of the largest ranges of automotive trim retainers using the latest precision technologies. Through our growing moulding capabilities we provide injection and over-moulded parts for automotive seat gap fillers, moulded clips and gaskets.

Our agile engineering capabilities and technology, including FEA simulation, allows us to partner our customers through every stage of the product journey, driving projects forward and ensuring a cost-effective and efficient approach.

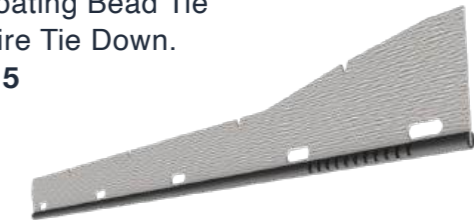
## Structural Components

Rod, Flat Strips, Map Pocket  
Piping and Trim Cord  
Pages 10 - 13



## Tie Down

Tie Down, Floating Bead Tie  
Down and Wire Tie Down.  
Pages 14 - 15



## Trim Retainers

J Retainers, Arrow Retainers, F Retainers,  
Squirrel Retainers, U Retainers and More.  
Pages 5 - 7



## COBAFlex® Multiclip

Multi-purpose, modular Trim Retainer  
bonded to Fleece Flange.  
Page 10



## COBAFlex®

Extruded and Moulded  
Parts bonded to Fleece.  
Page 9

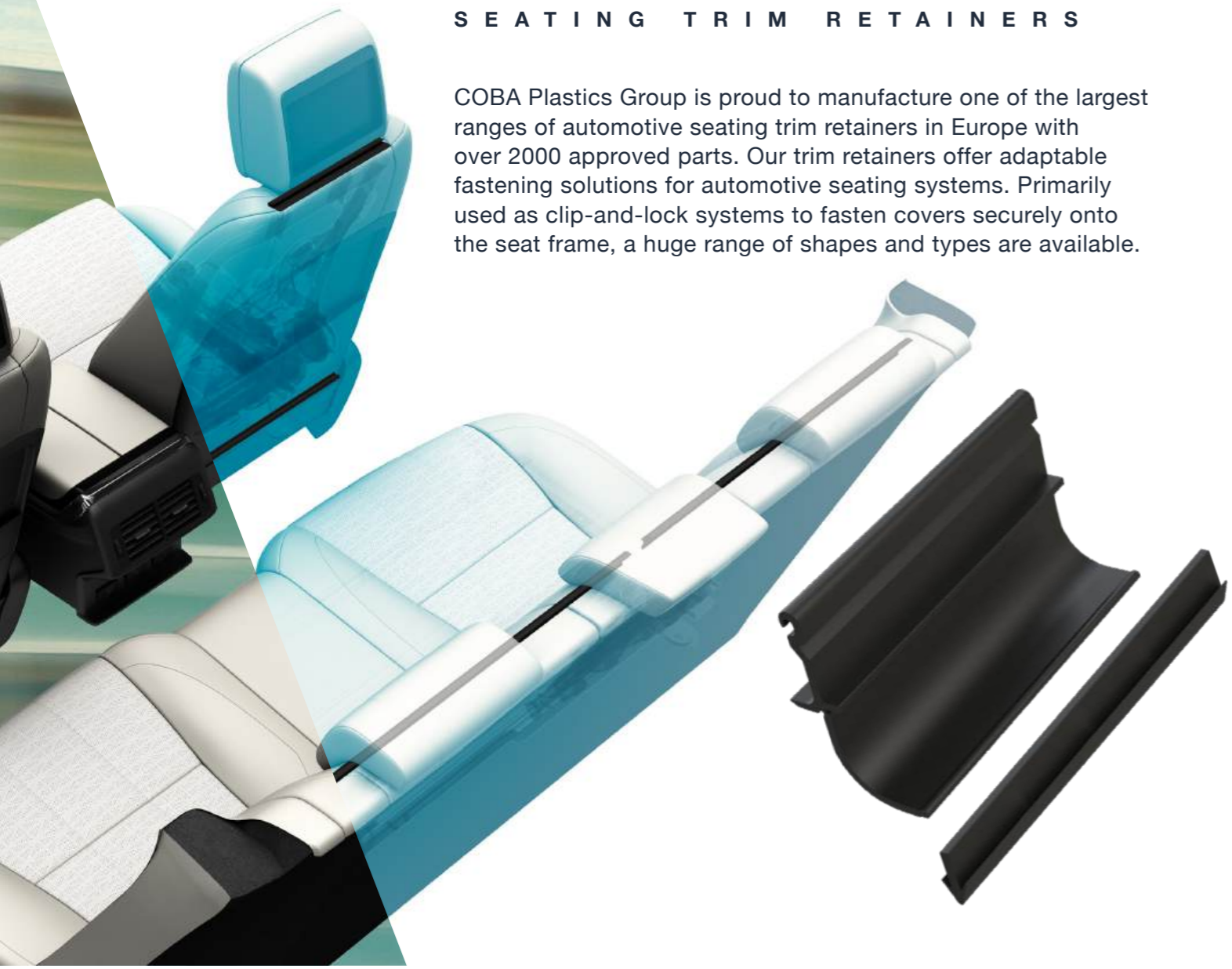


## Moulded Components

Reinforcement Plates, Gap Fillers and Fasteners  
Pages 12-13

### SEATING TRIM RETAINERS

COBA Plastics Group is proud to manufacture one of the largest ranges of automotive seating trim retainers in Europe with over 2000 approved parts. Our trim retainers offer adaptable fastening solutions for automotive seating systems. Primarily used as clip-and-lock systems to fasten covers securely onto the seat frame, a huge range of shapes and types are available.



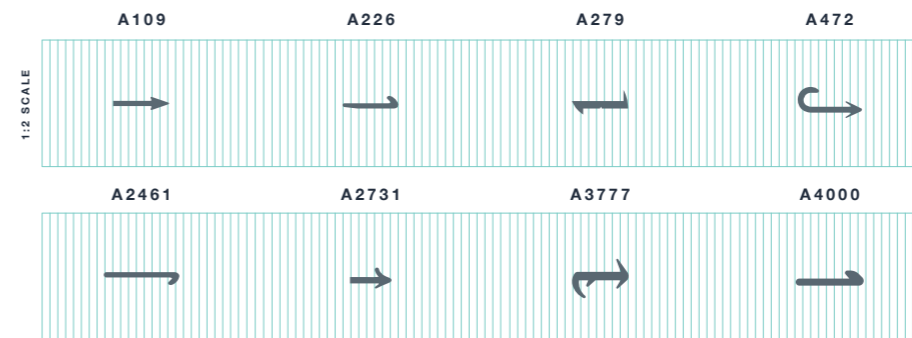
### J TRIM RETAINERS

The J retainer (also known as Hook or Clip) is the classic seating retainer. The fish hook shape allows the part to lock into place easily. We can create bespoke designs to match your application, even a small change can drive weight and cost savings.



### ARROW TRIM RETAINERS

Arrow-shaped retainers that can be produced in a number of different variations, according to the seat trim channel requirements. One-sided arrow shapes, double arrow shapes, or other common arrow shapes can be extruded in different materials and sizes to click easily into the trim channel.



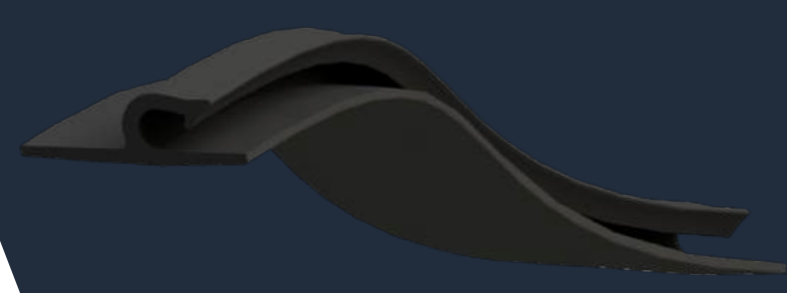
### SQUIRREL TRIM RETAINERS

Squirrel retainers are applied to achieve a sturdy and flat cover ending on the headrests of rear seats. They help to define the trim line and provide added impact protection.



### RETAINER PROFILES

We offer a wide range of material options including PP, LDPE and ABS to support your projects. Retainers can be punched, lasered and printed in-line reducing time spent in Second Operations. We offer a full design and prototyping service for bespoke profiles.





### U TRIM RETAINERS

The U Retainer serves as an edge protector, and can clip directly onto metal wire. Commonly used on the under-side of the front seats, the U-shape makes it an ideal profile for bonding with a fleece flange as a COBAflex® part.



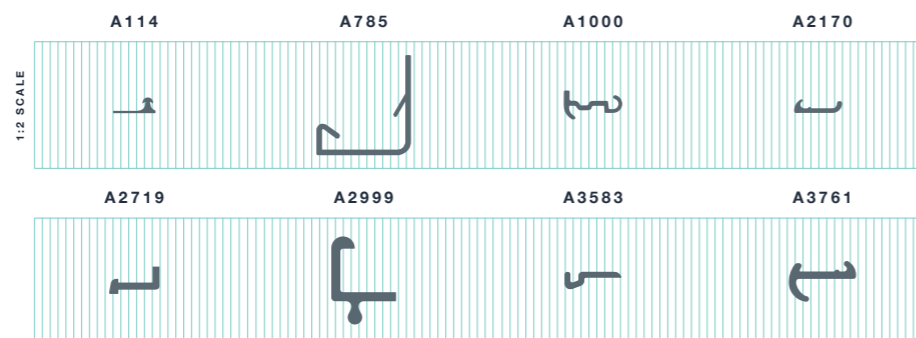
### F TRIM RETAINERS

F-shaped retainers are primarily used as part of the backrest closing solution when clicked into certain J-shaped retainers. Bespoke ending shapes such as a sphere, or semi-circle are popular choices, and can be pushed directly into trim channels.



### OTHER TRIM RETAINERS

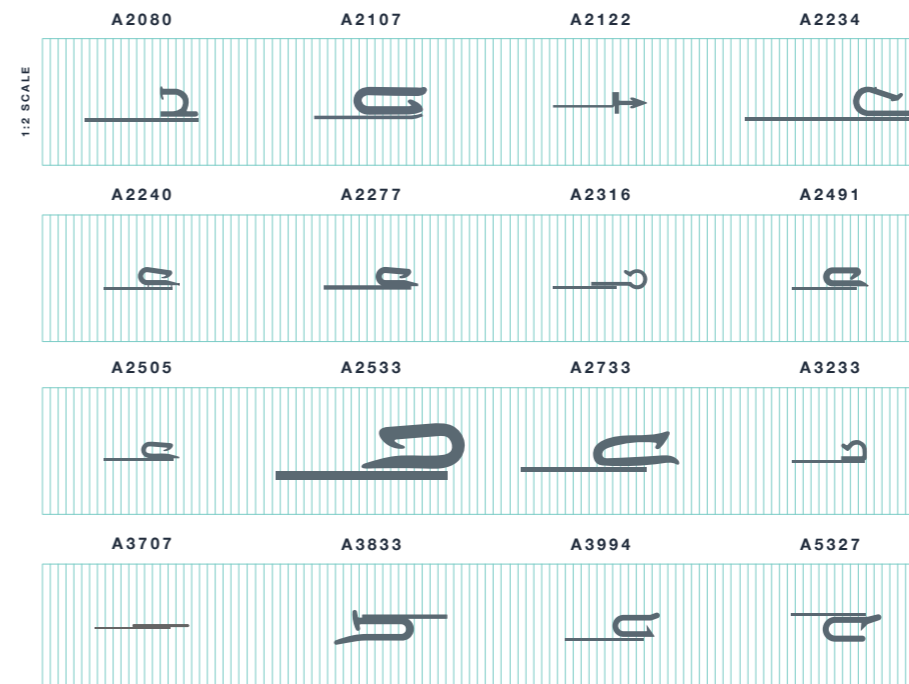
Some of our more specialist retainers are ideal for custom solutions. These include C and L-shaped retainers, Barbed Strip and some flexible or folding retainers.



### COBAFLEX®

All of our retainers can be augmented through our innovative COBAflex® technology which bonds high quality, non-woven fleece to an extruded retainer. Used for front seat applications, COBAflex® attaches the trim cover to the underside of the seat pan, or can clip onto the wire frame.

Our unique design helps to reduce the amount of premium car seat material that is required, which in turn removes additional sewing operations for our customers, accelerating assembly times. Different fleece flange widths are available to suit every application. COBAflex® can be lasered, punched (either pneumatic or hydraulic) and printed in-line.



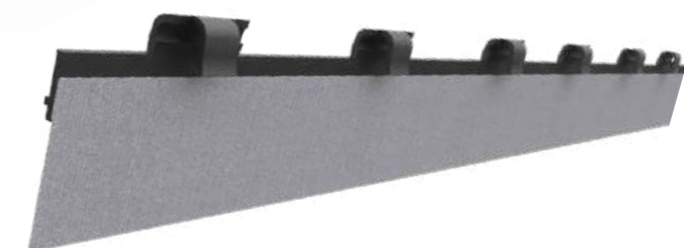
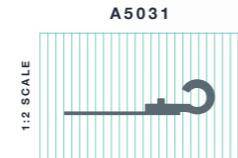
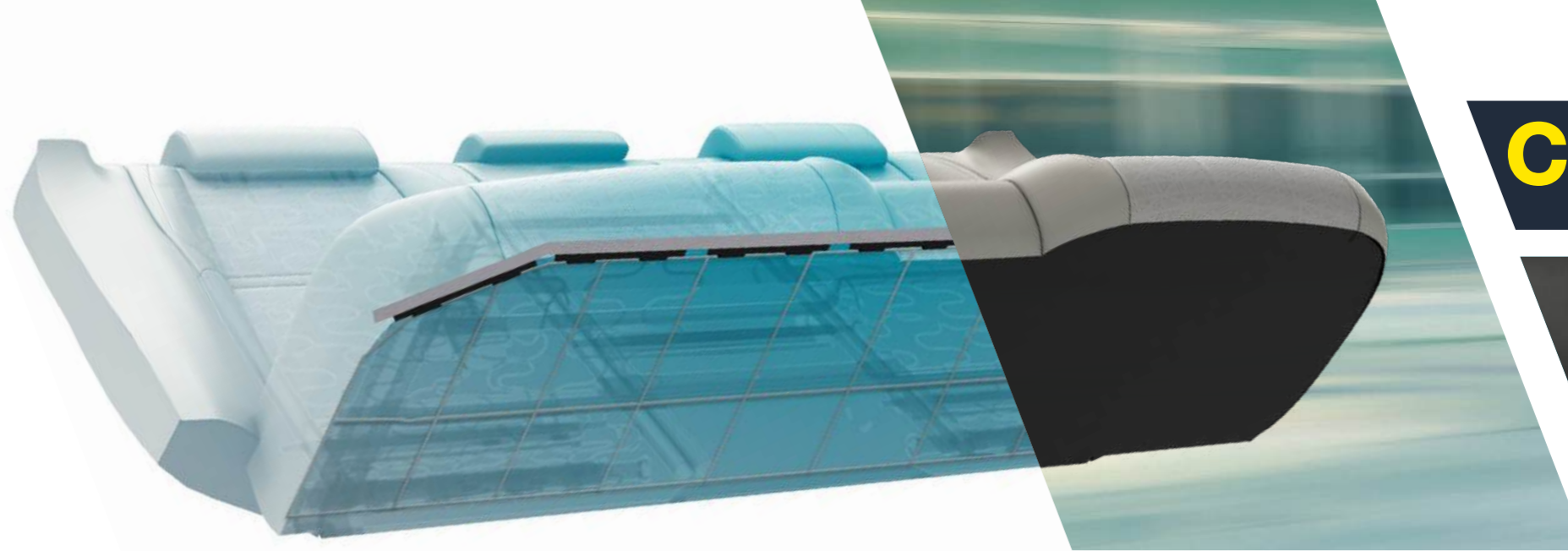
# COBAFLEX® MULTICLIP

Based on the successful COBAflex® technology, COBAflex® MultiClip allows a virtually limitless range of configurations to suit any seat frame design. A flexible extruded trim retainer bonded onto fleece, this modular design is aimed at reducing inventory SKU's and assembly time.

Designed to be a less complex and more functional "all-rounder" trim retainer, it is able to be clipped directly onto wire, rather than onto fabric. Our universal MultiClip part is compatible with any seat frame design.

### Clip2Un-Clip Ratio

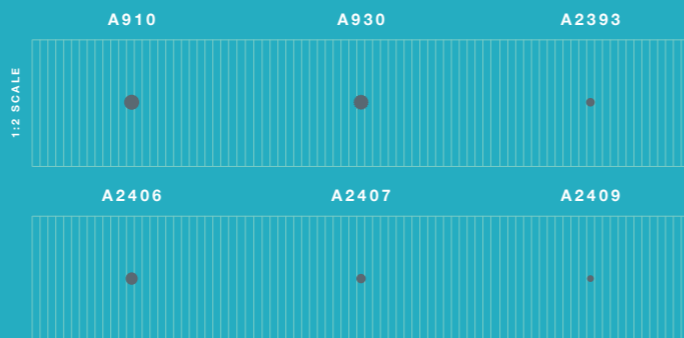
COBAflex® MultiClip has achieved a desirable 1:4 *Clip2Un-Clip* Ratio when clipped to the wire frame. Meaning it would take 4 times as much force to un-clip the retainer once it has been clipped into place, ensuring a secure fit.



## R O D

Rod is primarily used as a construction element, designed to emphasise and support seating contours. A hidden reinforcement application which can be easily hooked onto the foam to strengthen the seat cover while remaining flexible.

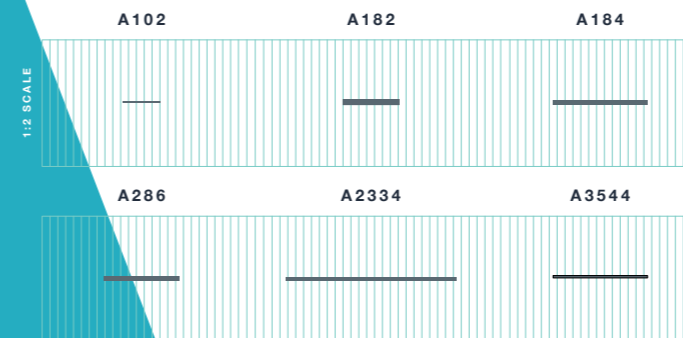
Generally designed as a solid cylinder, we have also created variations that incorporate grooves to allow easy placement.



## F L A T S T R I P

Flat Strips are one of the simplest extruded profiles created for the automotive industry. Designed for fabric reinforcement and cushion support, as well as to ensure a consistent and attractive finish.

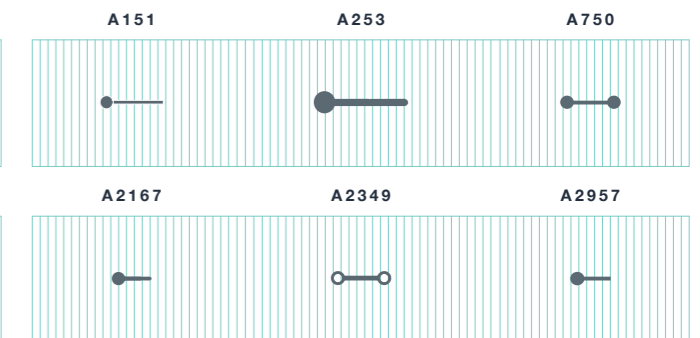
Depending on application, they can be sewed directly onto fabric or used in combination with a fleece flange as a COBAflex® part.

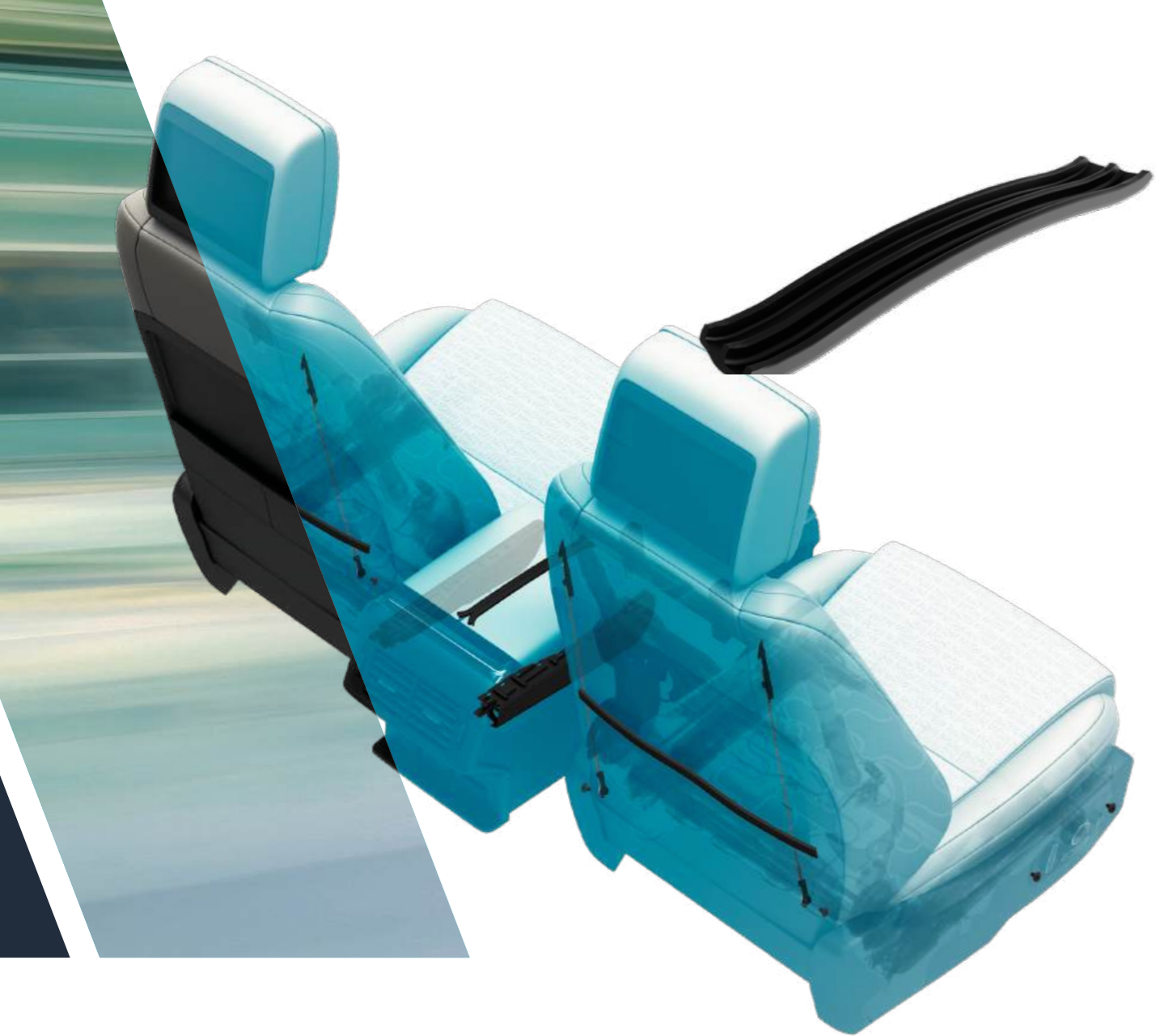


## P I P I N G

Narrow, round-edged Piping is often used to create sleek lines around the edges of the car's upholstery. The characteristic jagged flange inside the piping allows for flexibility in accordance to the seat curvature.

As a visible design element, it is available in a number of colours and can be matched to the overall seat design or interior colour scheme.





**M A P P O C K E T**

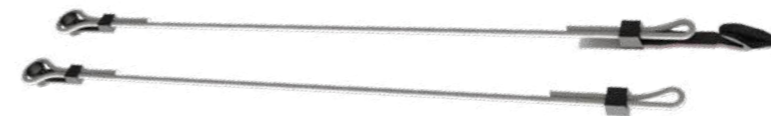
Map Pocket profiles are essential in the closure and security of the pockets on the rear of the front seats. Designed as an extruded strip with a fibreglass or polypropylene core in the centre, and often overmoulded into complex shapes, this profile is flexible enough to follow the curvature of the back of the seat whilst keeping pockets closed and secure.



**T R I M C O R D**

Trim Cord is ideal to help to reduce assembly time by covering long reach fastening areas. Primarily applied in the backrest assembly of the front and rear seats, Trim Cord's often feature moulded clips or are bonded onto a fleece flange for simple sewing.

We offer a range of plastic moulded and metal end fixing clips. All parts are fully assembled and tensile testing is available in house.



**M O U L D E D C O M P O N E N T S**

Our impressive injection and overmoulding capabilities keep us ahead of the competition.

Our in-house R&D team support you in specifying materials and product design to achieve low-dimension tolerances and high tensile strength.

We're proud to offer 2K injection moulding, allowing you to combine two types of plastic, or different colours within the same mould, reducing cost and streamlining the process.

We've designed a diverse range of bespoke parts over the years from simple reinforcement plates to support seat harness buckles and anchorages to complex, multi-component armrest structures and gaskets.



**M O U L D E D G A P F I L L E R S**

Our moulded and overmoulded Gapfillers are used extensively throughout automotive interiors. We can produce technically demanding parts from volumes as low as a few hundred, making us the ideal partner for specialist and limited edition automotive projects.

**M O U L D E D F A S T E N E R S**

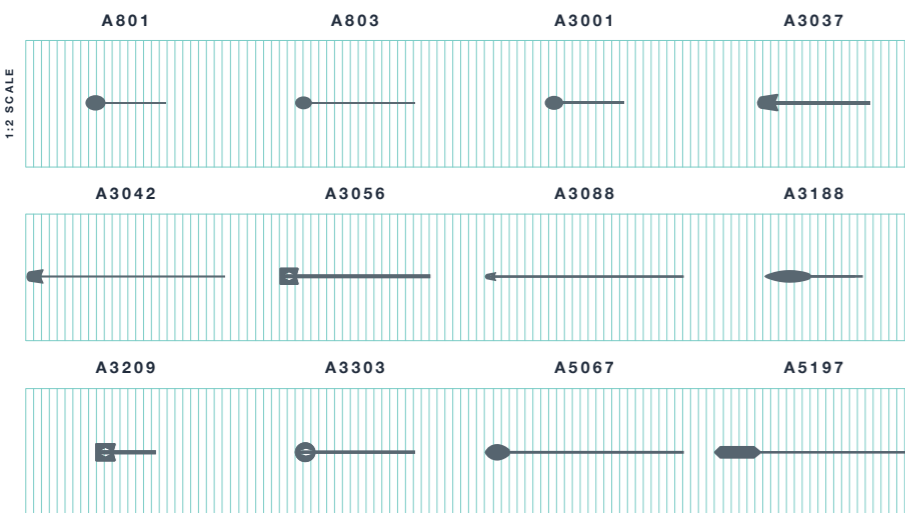
Our moulded Clips, Pins and Fasteners are popular for securing fixtures throughout the vehicles interior. A range of adhesive tapes and coatings can be added to these products if required.



**T I E D O W N**

Tie Down is one of our most popular product ranges, with hundreds of different types available. Used to securely fasten seat covers to the foam-wire frame and create accent lines and curvature, our Tie Downs can be simply clipped into the trim channel or fastened with hog rings.

We offer beaded fleece profiles with a range of different plastic head dimensions - from oval and round heads, to triangle and square heads - and individual fleece flange widths. Both the fleece flange and thermoplastic profile can be printed, lasered, cut and punched in-line, reducing cost and providing an agile and versatile solution for every seating project.

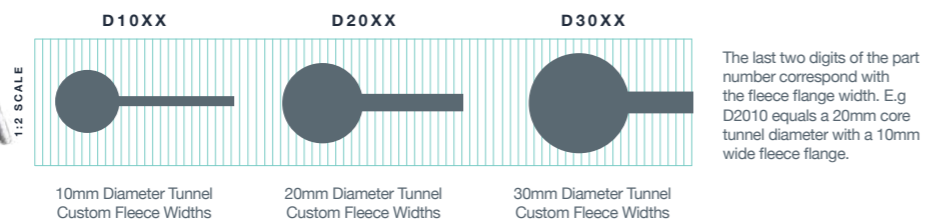


**F L O A T I N G B E A D T I E D O W N**

Floating Bead Tie Downs utilise a Double Retention fleece which creates a tunnel, encapsulating an un-bonded, flexible polypropylene inner core, providing additional versatility in seat cover trimming.

Our innovative design makes tight curves in a narrow radius easily achievable, and distributes tension evenly avoiding wrinkles in the seat cover. Floating Bead's flexibility makes it ideal for longer, curved areas, such as the U-shaped contour on the backrest.

A selection of standard diameter cores are available with bespoke fleece flange widths and thicknesses to suit your model.

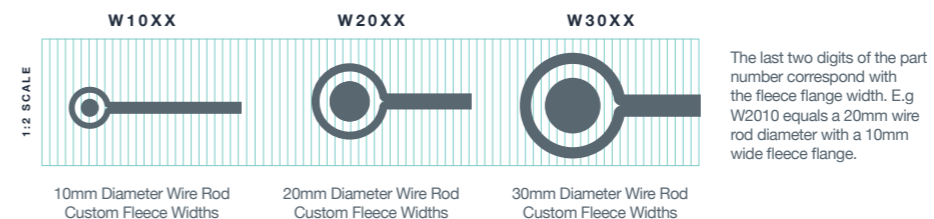


**W I R E T I E D O W N**

Wire Tie Downs feature a wire rod inside a folded fleece flange. Bespoke wire diameters, fleece flange widths and thicknesses allow tailored fitting within the trim channel and clipping system.

Our quality, non-woven fleece material assures strength, stability and handling comfort. Wire Tie Downs are ideal for delivering comfort in seats with thin foams, and are much more resistant to ageing and heat, versus Floating Bead Tie Downs.

A selection of standard diameter wire rods are available with customisable fleece flanges to complement your seating design.



# Retainer

























## J Retainer















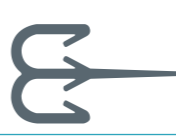







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Trim Retainer

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A752	1:1		A2085	1:1	
A427	1:1		A564	1:1	
A2315	1:1		A2335	1:1	

A2461	1:1		A3579	1:1	
A2444	1:1		A2858	1:1	
A2642	1:1		A329	1:1	
A3553	1:1		A2342	1:1	
A3674	1:1		A2502	1:3	
A2503	1:3				

### F Retainer

Part number	Scale	Profile	Part number	Scale	Profile
A728	1:1		A2168	1:1	
A2383	1:1		A2075	1:1	
A115	1:1		A236	1:1	
A3892	1:1		A3915	1:1	

A2614	1:1		A2376	1:1	
A279	1:1		A560	1:1	
A1038	1:1		A2115	1:1	
A2646	1:1		A2735	1:1	
A2807	1:1		A3834	1:1	
A393	1:1		A5318	1:1	
A975	1:1		A561	1:1	
A3328	1:1		A5254	1:1	
A579	1:1		A159	1:1	
A2395	1:1		A2681	1:1	
A445	1:1		A2689	1:1	
A3225	1:1		A510	1:1	
A210	1:1		A776	1:1	

A870	1:1		A2095	1:1	
A2677	1:1		A5213	1:1	
A436	1:1		A954	1:1	
A2615	1:1		A2616	1:1	
A953	1:1		A987	1:1	
A2589	1:1		A873	1:1	
A2108	1:1		A961	1:1	
A998	1:1		A2102	1:1	
A2351	1:1		A3936	1:1	

### Squirrel Retainer











Part number	Scale	Profile	Part number	Scale	Profile
A2596	1:1		A3767	1:1	

A2527	1:1		A5331	1:1	
A2796	1:1		A2825	1:1	
A2824	1:1		A2631	1:1	
A2730	1:1		A3766	1:1	
A5035	1:1		A5145	1:1	





### U Retainer

Part number	Scale	Profile	Part number	Scale	Profile
A2783	1:1		A2267	1:1	
A3896	1:1		A3939	1:1	
A446	1:1		A973	1:1	

A2670	1:1		A2777	1:1	
A3560	1:1		A2291	1:1	
A2582	1:1		A5228	1:1	
A5376	1:1		A2594	1:1	
A2261	1:1		A5306	1:1	
A2853	1:1		A2641	1:1	
A3993	1:1		A5506	1:1	
A2732	1:1		A2728	1:1	
A2292	1:1		A2468	1:1	
A3584	1:1		A2831	1:1	
A2769	1:1		A2808	1:1	
A2476	1:1		A5308	1:1	

A3832	1:1		A2695	1:1	
A2815	1:1		A2457	1:1	
A3826	1:1		A5173	1:1	
A730	1:1		A2742	1:1	
A2501	1:1		A3586	1:1	

L Retainer

Part number	Scale	Profile	Part number	Scale	Profile
A2481	1:1		A2184	1:1	
A2690	1:1		A2388	1:1	

A3673	1:1		A2719	1:1	
A2230	1:1		A785	1:1	
A2999	1:1		A2134	1:1	
A2488	1:1		A2737	1:1	

### COBAflex® - Profile and Fleece

Part number	Scale	Profile	Part number	Scale	Profile
A2132	1:1		A2726	1:1	
A5421	1:1		A5461	1:1	

A5377	1:1		A5359	1:1	
A3580	1:1		A3994	1:1	
A5388	1:1		A5420	1:1	
A5507	1:1		A5512	1:1	
A5236	1:1		A5430	1:1	
A3897	1:1		A5432	1:1	
A2240	1:1		A2491	1:1	
A2533	1:1		A2608	1:1	
A2636	1:1		A2686	1:1	
A2885	1:1		A3943	1:1	
A5307	1:1		A5449	1:1	



A2612	1:1		A2789	1:1	
A3536	1:1		A3816	1:1	
A3908	1:1		A3988	1:1	
A3991	1:1		A5135	1:1	
A5256	1:1		A5385	1:1	
A5447	1:1		A5476	1:1	
A2630	1:2		A3659	1:1	
A3707	1:2		A5030	1:2	
A2767	1:2		A2720	1:1	
A2722	1:2		A3693	1:1	
A5187	1:2		A5288	1:1	

A2768	1:2		A3681	1:1	
A5309	1:2		A2766	1:2	
A2699	1:2		A2750	1:2	
A2782	1:2		A2505	1:2	
A2696	1:2		A3443	1:2	
A3537	1:2		A5136	1:2	
A3535	1:2		A3906	1:5	
A2178	1:5				

## Strip

Part number	Scale	Profile	Part number	Scale	Profile
A986	1:1		A347	1:1	
A2519	1:1		A662	1:1	
A2418	1:1		A166	1:1	
A201	1:1		A232	1:1	
A643	1:1		A2405	1:1	
A2520	1:1		A3326	1:1	
A567	1:1		A101	1:1	
A102	1:1		A192	1:1	
A193	1:1		A2380	1:1	
A2404	1:1		A2691	1:1	
A3979	1:1		A2467	1:1	
A2966	1:1		A534	1:1	

A2423	1:1		A408	1:1	
A547	1:1		A659	1:1	
A2432	1:1		A3870	1:1	
A3909	1:1		A3984	1:1	
A1031	1:1		A2496	1:1	
A2634	1:1		A3616	1:1	
A2443	1:1		A2584	1:1	
A111	1:1		A181	1:1	
A182	1:1		A2171	1:1	
A2448	1:1		A2258	1:1	
A280	1:1		A178	1:1	
A540	1:1		A224	1:1	
A187	1:1		A188	1:1	
A189	1:1		A190	1:1	



A286	1:1		A539	1:1	
A606	1:1		A2464	1:1	
A890	1:1		A983	1:1	
A2454	1:1		A3675	1:1	
A184	1:1		A185	1:1	
A522	1:1		A631	1:1	
A2078	1:1		A2517	1:1	
A2951	1:1		A3645	1:1	
A5289	1:1		A985	1:1	
A3972	1:1		A2382	1:1	
A2070	1:1		A5029	1:1	
A237	1:1		A538	1:1	
A3983	1:1		A5263	1:1	
A5511	1:1		A5429	1:1	

A501	1:1		A495	1:1	
A968	1:1		A143	1:1	
A147	1:1		A409	1:1	
A787	1:1		A939	1:1	
A3544	1:1		A3687	1:1	
A5079	1:1		A2334	1:1	
A3857	1:1		A3891	1:1	
A5290	1:1		A2707	1:1	
A264	1:1		A535	1:1	
A3890	1:1		A5361	1:1	
A3997	1:1		A5259	1:1	
A515	1:2		A517	1:2	
A984	1:2		A2581	1:2	
A967	1:2		A2872	1:2	

A2823	1:2		A146	1:2	
A5281	1:2		A2888	1:2	
A477	1:2		A519	1:2	
A516	1:2		A225	1:2	
A257	1:3		A3218	1:3	
A3427	1:3				

## Map Pocket

Part number	Scale	Profile	Part number	Scale	Profile
A410	1:1		A2248	1:1	
A2433	1:1		A2704	1:1	
A2650	1:1				

## Rod

Part number	Scale	Profile	Part number	Scale	Profile
A910	1:1		A930	1:1	

## Piping

Part number	Scale	Profile	Part number	Scale	Profile
A2079	1:1		A2167	1:1	
A2957	1:1		A239	1:1	
A253	1:1		A453	1:1	
A750	1:1		A2349	1:	
A151	1:1				

## Tie Down Matrix I

SIZE SHAPE	5.1 x 4 TRIANGLE		5.4 x 4.5 TRIANGLE		6.6 x 5.5 TRIANGLE		5 x 4.6 SQUARE		15 x 4.1	
DRAWING										
BEAD	A2621	A2622	A3711	A3695	A942	A2338	A943	A2339	A3940	A5188
PROPERTY	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER
FLANGE ("W")										
10	A3212	A3214	A3861	A3860	A3206	A3208	A3209	A3211	A3947	A5189
15	A3074	A3108	A3729	A3712	A835	A3035	A852	A3052	A3948	A5190
20	A3075	A3109	A3730	A3713	A836	A3036	A853	A3053	A3949	A5191
25	A3076	A3110	A3731	A3714	A837	A3037	A854	A3054	A3950	A5192
30	A3077	A3111	A3732	A3715	A838	A3038	A855	A3055	A3951	A5193
35	A3078	A3112	A3733	A3716	A839	A3039	A856	A3056	A3952	A5194
40	A3079	A3113	A3734	A3717	A840	A3040	A857	A3057	A3953	A5195
45	A3080	A3114	A3735	A3718	A841	A3041	A858	A3058	A3954	A5196
50	A3081	A3115	A3736	A3719	A842	A3042	A859	A3059	A3955	A5197
55	A3082	A3116	A3737	A3720	A843	A3043	A860	A3060	A3956	A5198
60	A3083	A3117	A3738	A3721	A844	A3044	A861	A3061	A3957	A5199
65	A3084	A3118	A3739	A3722	A845	A3045	A862	A3062	A3958	A5200
70	A3085	A3119	A3740	A3723	A846	A3046	A863	A3063	A3959	A5201
75	A3086	A3120	A3741	A3724	A847	A3047	A864	A3064	A3960	A5202
80	A3087	A3121	A3742	A3725	A848	A3048	A865	A3065	A3961	A5203
85	A3088	A3122	A3743	A3726	A849	A3049	A866	A3066	A3962	A5204
90	A3089	A3123	A3744	A3727	A850	A3050	A867	A3067	A3963	A5205
95	A3090	A3124	A3745	A3728	A851	A3051	A868	A3068	A3964	A5206
17	A3125	A3133	A3866	A3862	A2559	A2565	A2569	A2577	A3965	A5207
22	A3126	A3134	A3867	A3863	A2560	A2566	A2570	A2578	A3966	A5208
27	A3127	A3135	A3868	A3864	A2561	A2567	A2571	A2579	A3967	A5209
32	A3128	A3136	A3869	A3865	A2562	A2568	A2572	A2580	A3968	A5210

## Double Retention Fleece Matrix (Tunnel)

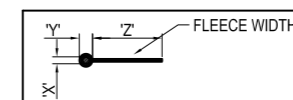
SIZE SHAPE	Ø3 OVAL	Ø4 OVAL
DRAWING		
BEAD	A2969	A2647
FLANGE ("W")		
13	D2013	D1013
14	D2014	D1014
15	D2015	D1015
16	D2016	D1016
17	D2017	D1017
18	D2018	D1018
19	D2019	D1019
20	D2020	D1020
21	D2021	D1021
22	D2022	D1022
23	D2023	D1023
24	D2024	D1024
25	D2025	D1025
26	D2026	D1026
27	D2027	D1027
28	D2028	D1028
29	D2029	D1029
30	D2030	D1030
31	D2031	D1031
32	D2032	D1032
34	D2034	D1034
35	D2035	D1035
36	D2036	D1036
37	D2037	D1037
38	D2038	D1038
39	D2039	D1039

## Tie Down Matrix II

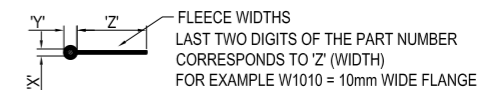
SIZE SHAPE	5.2 x 4 OVAL		5.2 x 5 OVAL		6 x 5 OVAL		6.5 x 5.1 OVAL		7.2 x 4.7 OVAL		15 x 4 OVAL	
DRAWING												
BEAD	A940	A2336	A2927	A2928	A3678	A3679	A941	A2337	A5038	A5058	A2638	A2639
PROPERTY	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER	STIFF	STIFFER
FLANGE ("W")												
10	A3200	A3202	A3300	A3500	A5002	A3871	A3203	A3205	A5040	A5059	A3215	A3217
15	A801	A3001	A3301	A3501	A5003	A3872	A818	A3018	A5041	A5060	A3137	A3171
20	A802	A3002	A3302	A3502	A5004	A3873	A819	A3019	A5042	A5061	A3138	A3172
25	A803	A3003	A3303	A3503	A5005	A3874	A820	A3020	A5043	A5062	A3139	A3173
30	A804	A3004	A3304	A3504	A5006	A3875	A821	A3021	A5044	A5063	A3140	A3174
35	A805	A3005	A3305	A3505	A5007	A3876	A822	A3022	A5045	A5064	A3141	A3175
40	A806	A3006	A3306	A3506	A5008	A3877	A823	A3023	A5046	A5065	A3142	A3176
45	A807	A3007	A3307	A3507	A5009	A3878	A824	A3024	A5047	A5066	A3143	A3177
50	A808	A3008	A3308	A3508	A5010	A3879	A825	A3025	A5048	A5067	A3144	A3178
55	A809	A3009	A3309	A3509	A5011	A3880	A826	A3026	A5049	A5068	A3145	A3179
60	A810	A3010	A3310	A3510	A5012	A3881	A827	A3027	A5050	A5069	A3146	A3180
65	A811	A3011	A3311	A3511	A5013	A3882	A828	A3028	A5051	A5070	A3147	A3181
70	A812	A3012	A3312	A3512	A5014	A3883	A829	A3029	A5052	A5071	A3148	A3182
75	A813	A3013	A3313	A3513	A5015	A3884	A830	A3030	A5053	A5072	A3149	A3183
80	A814	A3014	A3314	A3514	A5016	A3885	A831	A3031	A5054	A5073	A3150	A3184
85	A815	A3015	A3315	A3515	A5017	A3886	A832	A3032	A5055	A5074	A3151	A3185
90	A816	A3016	A3316	A3516	A5018	A3887	A833	A3033	A5056	A5075	A3152	A3186
95	A817	A3017	A3317	A3517	A5019	A3888	A834	A3034	A5057	A5076	A3153	A3187
17	A2536	A2543	A3318	A3518	A5146	A5150	A2547	A2555	A5154	A5158	A3188	A3196
22	A2537	A2544	A3319	A3519	A5147	A5151	A2548	A2556	A5155	A5159	A3189	A3197
27	A2538	A2545	A3320	A3520	A5148	A5152	A2549	A2557	A5156	A5160	A3190	A3198
32	A2539	A2546	A3321	A3521	A5149	A5153	A2550	A2558	A5157	A5161	A3191	A3199
37						A5911						

## Wire Tie Down

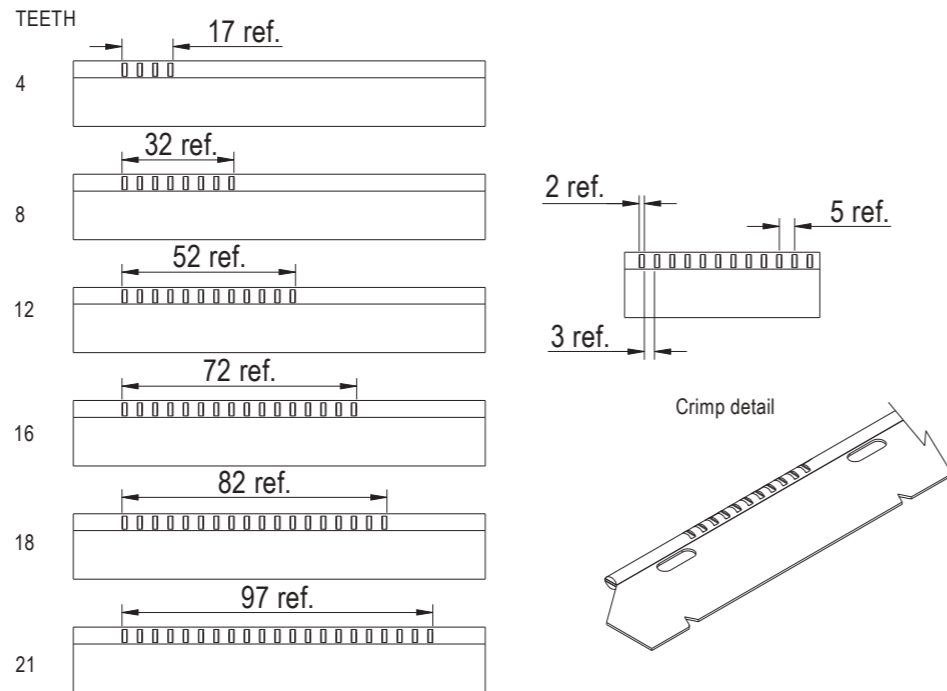
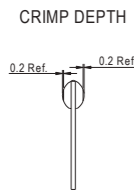
Material	Part Number	'X' = WIRE DIA 'Y' = PP DIA	Size	'Z'
STANDARD	W001	'X' = Ø1.2 'Y' = Ø2	•	W1001-W1100
STANDARD	W002	'X' = Ø1.6 'Y' = Ø3	•	W2001-W2100
STANDARD	W003	'X' = Ø2 'Y' = Ø3	•	W3001-W3100



Material	Part Number ('x' by 'y')	Shape	TOTAL LENGTH	36	40	43	45	48	50	53	55	58	60	63	65	68	70	73	75	78	80	83	85	88	90	93	95	98	100	
STANDARD	W001	• 'Z'	W1014	W1016	W1018	W1019	W1020	W1021	W1023	W1024	W1028	W1028	W1028	W1028	W1028	W1029	W1030	W1031	W1033	W1034	W1035	W1038	W1038	W1039	W1040	W1041	W1043	W1044	W1045	W1046
STANDARD	W002	• 'Z'	W2014	W2016	W2017	W2018	W2019	W2021	W2022	W2023	W2024	W2026	W2027	W2028	W2029	W2031	W2032	W2033	W2034	W2036	W2036	W2037	W2038	W2039	W2041	W2042	W2043	W2044		
STANDARD	W003	• 'Z'	W3014	W3016	W3017	W3018	W3019	W3021	W3022	W3023	W3024	W3026	W3027	W3028	W3029	W3031	W3032	W3033	W3034	W3036	W3036	W3037	W3038	W3039	W3041	W3042	W3043	W3044		

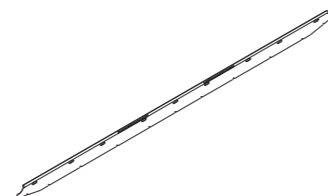
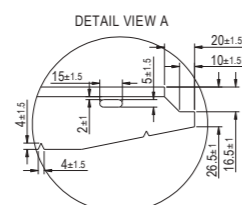
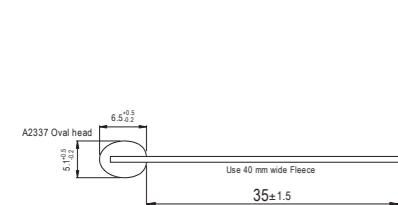
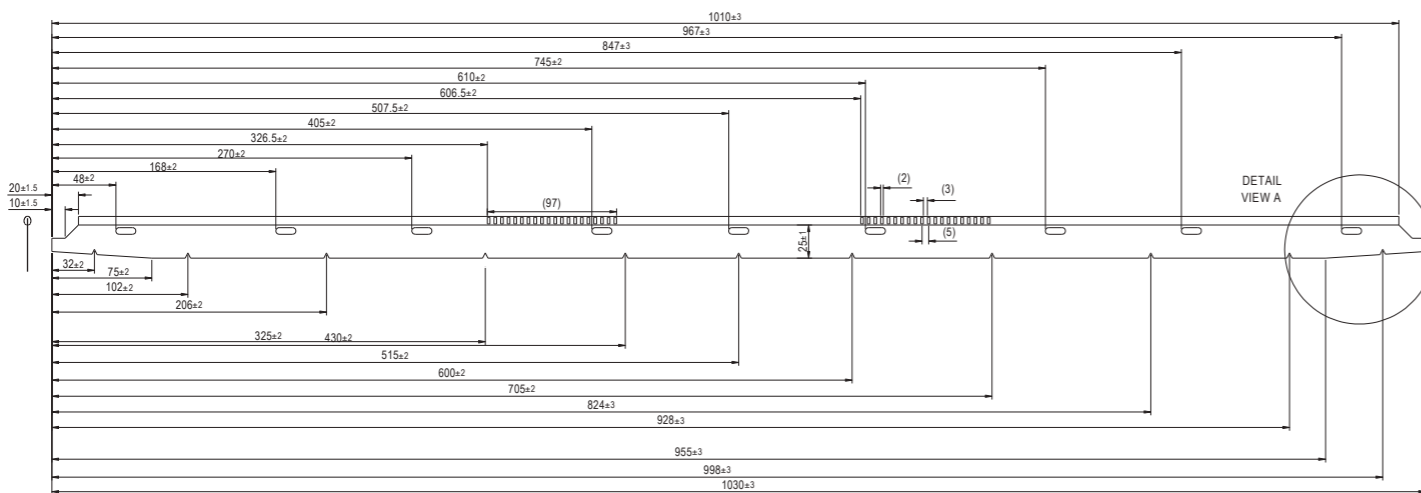


## Standard Crimp Sizes Tie



Material	Part Number	Bead shape
STIFF STIFFER	A940 (5x4 OVAL HEAD) A2336 (5x4 OVAL HEAD)	
STIFF STIFFER	A941 (6.5x5.1 OVAL HEAD) A2337 (6.5x5.1 OVAL HEAD)	
STIFF STIFFER	A942 (6.6x5.5 TRIANGLE HEAD) A2338 (6.6x5.5 TRIANGLE HEAD)	

## Tie Down Part Lasered and Crimped



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### Get in touch

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