

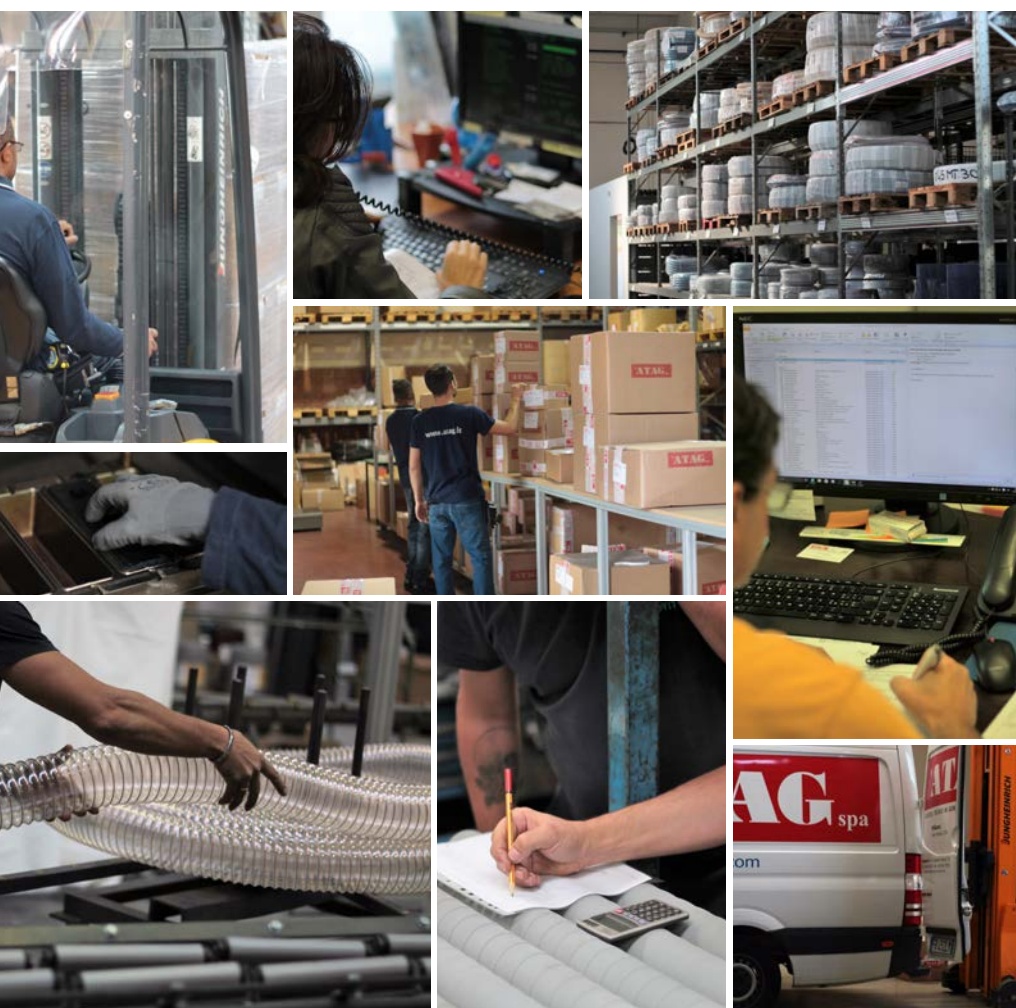
ATAG

SERVING INDUSTRY SINCE 1947



**EXTRUDED AND
MOULDED PROFILES,
BUMBERS**

PAST, PRESENT, FUTURE



ATAG is serving industry since **1947** and is constantly growing.

The wide range of products, the three domestic locations, the controlled companies, the large warehouses, the extensive sales network, the increasingly stringent internal workings, the website in constant evolution and a service based on the qualified technical expertise offered by our sales department, are the reasons why our customers rely constantly on ATAG.

In recent years we have incorporated complementary companies, using their great competencies to improve our own skills. An efficient export department, our European resellers and long-standing customers, allow us to have a better knowledge of foreign markets and strengthen our presence beyond the Italian borders.

Collaborations and agreements with international prestige partners enable us to offer our country products and solutions that are already appreciated and well established in Europe, and to stimulate our research into improved solutions for the Italian industry.

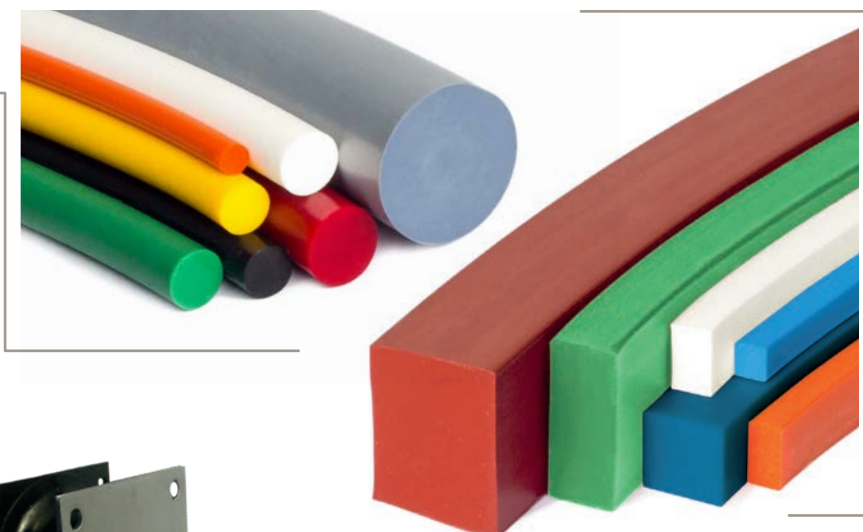
EXTRUDED AND MOULDED PROFILES, BUMPERS

Rubber Extrusions

ATAG extrudes regular and shaped-section profiles in various types of rubber.

Multiple sizes are in stock, available for prompt delivery.

The most common rubbers on sale include: SBR, NR, NBR, CR, EPDM, FKM, and Silicone.



Molded Rubber and Rubber-Metal Components

ATAG molds products in various types of rubber according to customer drawings.

The molding process can combine rubber with metal parts to create complex industrial components.



Expanded and Co-Extruded Profiles

ATAG extrudes profiles with shaped and regular sections in different types of expanded rubbers, including co-extruded and reinforced ones.

The most common sections and compounds - i.e. regular sections in extruded Silicone, CR, and PTFE - are always in stock for prompt delivery.



EXTRUDED AND MOULDED PROFILES, BUMPERS

The technical features of the elastomers mentioned in this catalogue are indicative and refer to the maximum values achievable. Also specific values are detailed that are achievable by the formulation of special compounds. Please do not hesitate to contact our Technical Department for further information and for assistance in choosing the most suitable compound for your application.



RUBBER MOULDINGS

We are able to produce moulded rubber and rubber/metal composite items to your specific designs, with the type of rubber being a function of the application and by means of the most appropriate method (compression, transfer and injection moulding).



FOAM

Our foam products comprise an immense range of materials that differ in density and porosity, chemical resistance derived from their base blend, as well as mechanical and thermal properties. The most common profiles of various foam materials are available ex-stock, **with many being self-adhesive on one side.**



EXTRUDED PROFILES

The **extruded profile designs** shown in this catalogue are only available from stock as **black EPDM rubber.**

We are able to supply non-standard **special profiles**, as per specific designs and in different types of rubber by utilising the most suitable extrusion methods.

Quantità minima producibile per sezioni regolari e speciali a disegno

- kg 10 ca. - Viton®
- kg 20 ca. - Peroxide and Platinum cured silicone
- kg 50 ca. - For all other types of rubber

Dimensional Tolerances

With reference to the table **UNI ISO 3302**, the class of tolerance to consider are as follows:

- **Class E2** – Regular profiles (round, rectangular, tubing and cuffs)
- **Class E3** – Profiles to design (profile for oblong, draw to a "point" or "U" and others) and for all foam profiles
- **Class E1** – To a specific design

Nominal Dimension		Class E1	Class E2	Class E3
<i>from mm</i>	<i>up to mm</i>	<i>± mm</i>	<i>± mm</i>	<i>± mm</i>
0	2,5	0,20	0,35	0,50
2,5	4,0	0,25	0,40	0,70
4,0	6,3	0,35	0,50	0,80
6,3	10	0,40	0,70	1,00
10	16	0,50	0,80	1,30
16	25	0,70	1,00	1,60
25	40	0,80	1,30	2,00
40	63	*	1,60	2,50
63	100	*	2,00	3,20

The data shown in the tables of this catalog are approximate: ATAG reserves the right to make appropriate changes of compounds, sizes and tolerances, without notice.

EXTRUDED AND MOULDED PROFILES, BUMPERS



Extruded Profiles

Standard Industrial Rubber (SBR)

Caratteristiche	Uses
Colour: black, other colours on request	Trims, bumper, straps, floor coverings, etc.
Specific weight: Approx 1.5	
Hardness: 65 shore \pm 5	
Breaking load: good (up to 250 kg cm ²)	
Working temperature: +80 °C	
Low temperature resistance: good, down to -30 °C	
Resistance to atmospheric agents: meagre	
Resistance to abrasion, to laceration, to fatigue: excellent	
Chemical resistance in the presence of salts and bases, diluted acids: good	
Resistance to acetone and steam up to 100 °C: moderate	
Chemical resistance in the presence of ozone, hydrocarbons, lubricating oils, petrol: meagre	

PARA Natural Rubber (NR)

Characteristics	Uses
Colour: Avana	In laboratories for: high vacuum tubing, sealing rings of small and large dimensions, transportation of liquids and elastic bungs. In all applications where a high level of elasticity and abrasion resistance are required.
Specific weight: Approx 1.15	
Hardness: 45 shore \pm 5	
Breaking load: Optimal	
Elastic efficiency: excellent	
Low temperature resistance: optimal, down to -40 °C	
High temperature resistance: up to +70 °C	
Specific resistance ohm/cm ² : up to 10 ¹⁴	
Is light-sensitive and changes colour if exposed to light	
Abrasion resistance: exceptional	
Chemical resistance in the presence of dilute acids, salts, bases, alcohols and sea water: good	
Resistance to ozone, lubricating oils, mineral acids, petrol and solvents (excluding acetone): scarce	

Nitrile Rubber (NBR)

Characteristics	Uses
Colour: black, other colours available on request	Sealing rings, gaskets, inking and dragging rollers, bushings for electric motors, membranes, valves, pressure rooms etc.
Specific weight: approx 1.4.	
Hardness: 70 shore \pm 5	
Breaking load: moderate (up to 110 kg cm ²) - good (up to 210 kg cm ²) with optimal formulation	
Working temperature: very good +100 °C	
Low temperature resistance: average, down to -15 °C	
Specific Resistance ohm/cm ² : up to 10 ¹⁰ with optimal formulations	
Resistance to atmospheric agents: meagre, insufficient to ozone	
Abrasion Resistance: Good	
Impermeability to gas: from good to excellent	
Chemical resistance in the presence of gas, butane, methane, propane: excellent with optimal formulation	
Chemical resistance in the presence of hydrocarbons, lubricating oils, petrol: good	

Neoprene Rubber (CR)

Characteristics	Uses
Colours: black, other colours on request	Covering of electrical transformers, manufactured articles for the electrical industry, gaskets, supporting membranes for bridges and building, etc.
Specific weight: Approx. 1.4	
Hardness: 70 shore \pm 5	
Breaking load: moderate (up to 110 kg cm ²) - good (up to 230 kg cm ²) with optimal formulation	
Working temperature: +85 °C	
Low Temperature resistance: good, down to -25 °C	
Resistance to atmospheric agents: optimal	
Abrasion, laceration and fatigue resistance: optimal	
Chemical resistance in the presence of salts and bases, diluted acids, to oxidation, to ozone, to heat, to heat ageing: excellent	
Chemical resistance in the presence of aliphatic hydrocarbons, mineral lubricating oils, organics, impermeability to gas: good	
Self-extinguishing: on request UL94v1	

EXTRUDED AND MOULDED PROFILES, BUMPERS



Extruded Profiles

Ethylene Propylene Rubber (EPDM)

Characteristics	Uses
Colour: black, other colours on request	Car windshield seals, profiled window seals, trim and plugs for buildings, expansion joints for bridges and viaducts, fenders and jetties, printing rollers, sub-aqua equipment etc.
Specific weight: 1.28	
Hardness: 70 shore \pm 5	
Breaking load: good (up to 180 kg cm ²)	
Working temperature: +130°C, intermittent +150 °C	
Low temperature resistance: good, -20°C, intermittent up to -35 °C	
Specific resistance ohm/cm ² : up to 10 ¹²	
Resistance to atmospheric agents: optimal	
Resistance to abrasion, to laceration, to fatigue: optimal	
Chemical resistance in the presence of organic and inorganic acids, various esters, bases, salts and polar solvents: excellent	
Resistance to oxidation, ozone, heat and ageing: optimal	
Resistance to high concentration acids: good	
Resistance to petrol, lubricating oils, aromatic solvents and hydrocarbons: bad	

Silicone Rubber (VMQ) peroxide-cured

Characteristics	Uses
Colour: transparent, other colours on request	Seals for technical items where optimum resistance to heat and cold is required: quartz lamp reflectors, transformers, naphtha or gas burners, containers for solids and liquids. The Platinum-cured quality, on request, guarantees the fundamental requirements for food and pharmaceutical applications: conforms to FDA and BfR and is total exempt from PAH (Aromatic Polycyclic Hydrocarbons).
Specific weight: Approx. 1.2 (with colour also approx. 1.3)	
Hardness: 60 shore \pm 5	
Breaking load: fair (up to 90 kg cm ²)	
High temperature resistance: +180°C intermittent up to +250 °C	
Low temperature resistance: optimal, down to -60 °C	
Specific resistance ohm/cm ² : up to 10 ¹⁶	
Resistance to bad weather and ageing: optimal	
Permanent deformation: very low	
Light-sensitive and changes colour if exposed to light	
Chemical resistance to acids and bases: low	
For oils: good	
Resistance to petrol, to aromatic and chlorinated solvents: average	
Resistance to generic solvents: low	

Silicone Rubber METALDETECTABLE

Characteristics	Uses
Colour: Blue	Highly specific products for the food industry for the management of foreign bodies in foodstuff processes
Hardness: 70 Shore +-5.	
Elongation to failure : 300%	
Compression Set (25% for 24hrs at 150°C) : 17%	
Special characteristic: metaldetectable	
The above product contains only ingredients that are listed by the FDA under the 21 CFR number 177-2600	

Fluoroelastomer Rubber (FKM grade A)

Characteristics	Uses
Colour: black	Specific technical items for the mechanical, petro-chemical, chemicals, pharmaceutical, aeronautics, nuclear and rocketry industries. Indispensable in many applications where a specific resistance to chemical agents or solvents in presence of high temperatures is required.
Specific weight: Approx. 1.95.	
Hardness: 80 shore \pm 5 (other hardness on request from 65 to 95 shore)	
Breaking load: good (up to 140 kg cm ²)	
Working temperature: +200 °C, intermittent to +270°C (special version up to +290 °C on request)	
Low temperature resistance: fair, down to -15 °C (on request down to -25 °C)	
Permanent deformation: low	
Resistance to atmospheric agents and to heat: optimal	
Chemical resistance in the presence of trichloroethylene, chloroform, chlorobenzene, fuels, aliphatic and aromatic hydrocarbons, mineral acids, petrol, diluted and concentrated acids, lubricating oils, caustic soda, formaldehyde at 20 °C, perchloroethylene: excellent	
Resistance to contact with esters and ethers of low molecular weight, ketones, amines, hot anhydrous fluoric acid: low	

EXTRUDED AND MOULDED PROFILES, BUMPERS



Extruded Profiles

Here are section details of the **profile extrusions** that we have in stock or that we can supply quickly as we already have the tooling.

They are just a small part of what we can achieve with our **extrusion technology**. Any shape can be manufactured by constructing the appropriate design for the die. Our sales department is able to assist you with this task.

All profiles shown in the catalogue are made of **EPDM rubber** (see compound properties on pages 4 & 5), but we also extrude other types of rubber.

We can also extrude **silicone profiles** which are produced in **clean room** environments for **pharmaceutical and medical applications**. Each standard profile is extruded with tolerances according to DIN 7715, UNI ISO 3302 Cl.E3, but on request, for certain profiles, it is possible to reduce the tolerance specification.

Specifically for the **food industry**, but also increasingly in the **pharmaceutical industry**, the use of **metal detectable** plastics and rubbers is today an important criteria.

The management of **foreign bodies** in foodstuff processes is a critical factor, especially in relation to international quality standards.

We are able to extrude any packing or seal, of either regular or irregular shape or to customer specific designs, using fully compliant and **metal detectable FDA** blends.

The norms indicated are the more restricted class E1, applicable to extrusions, however, only up to certain dimensions (see reference standard).

Our production uses **continuous vulcanization technology**.

This allows the manufacture of considerable length profiles and enables dimensional stability to be obtained immediately after extrusion, thereby avoiding unwanted deformation due to the use of pans for positioning the raw extrusions into ovens.

If, however, due to the size and shape of a profile it is more expedient to cure at low temperatures over a long duration, we are able to offer the solution of **autoclave vulcanisation**.

The characteristics of this material allow industry to have immediate control on the end product, thereby hastening quality control processes and minimising the potential for economic loss.

EXTRUDED AND MOULDED PROFILES, BUMPERS



Profiles

Rubber profiles: Quality black EPDM (available on request other compounds kinds)



01 126 g/m



02 180 g/m



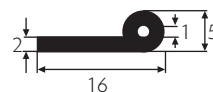
03 82 g/m



04 106 g/m



05 104 g/m



06 60 g/m



07 154 g/m



08 104 g/m



09 120 g/m



10 134 g/m



11 110 g/m



12 124 g/m



13 204 g/m



14 102 g/m



15 106 g/m



16 150 g/m



17 140 g/m



18 158 g/m



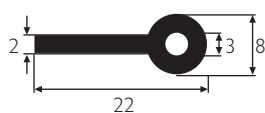
19 106 g/m



20 170 g/m



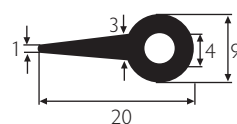
21 136 g/m



22 90 g/m



23 160 g/m

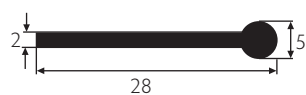


24 In esaurimento

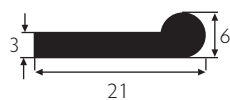
EXTRUDED AND MOULDED PROFILES, BUMPERS



Profiles



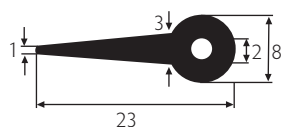
25 84 g/m



28 102 g/m



31 160 g/m



34 120 g/m



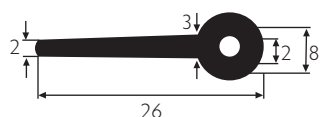
37 70 g/m



40 136 g/m



43 92 g/m



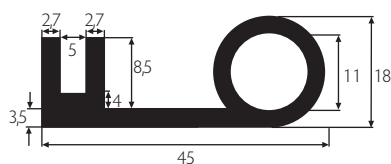
46 140 g/m



26 116 g/m



29 112 g/m



32 362 g/m



35 130 g/m



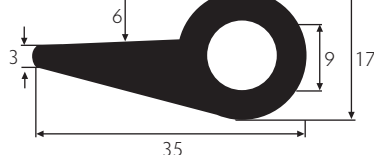
38 140 g/m



41 124 g/m



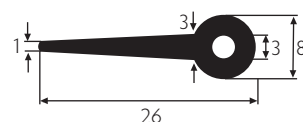
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47 352 g/m



27 50 g/m



30 124 g/m



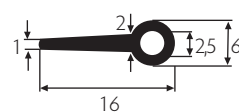
33 100 g/m



36 100 g/m



39 180 g/m



42 56 g/m



45 114 g/m



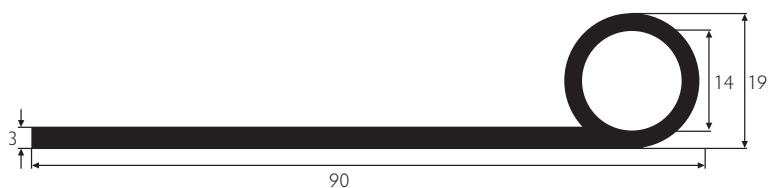
48 124 g/m

EXTRUDED AND MOULDED PROFILES, BUMPERS

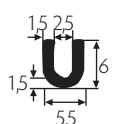


Profiles

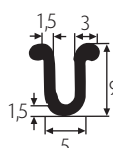
Rubber profiles: Quality black EPDM (available on request other compounds kinds)



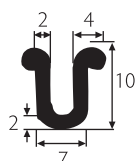
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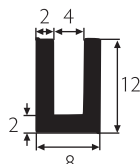
101 34 g/m



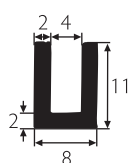
104 56 g/m



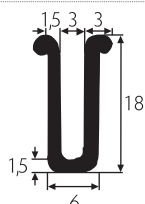
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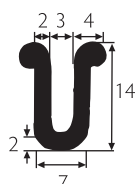
110 82 g/m



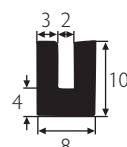
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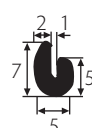
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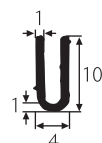
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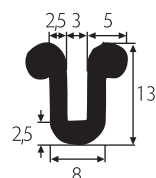
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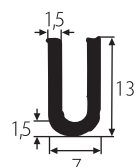
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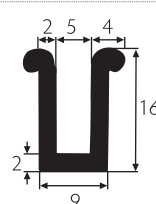
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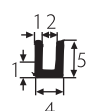
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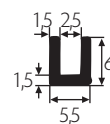
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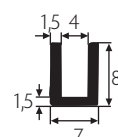
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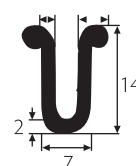
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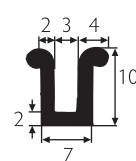
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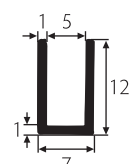
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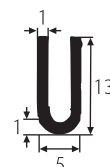
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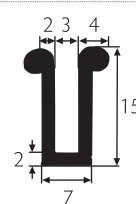
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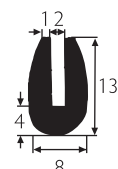
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115 70 g/m



118 100 g/m

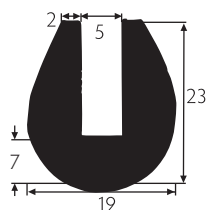


121 94 g/m

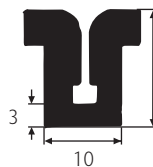
EXTRUDED AND MOULDED PROFILES, BUMPERS



Profiles



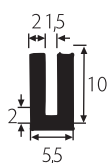
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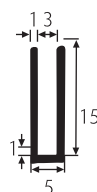
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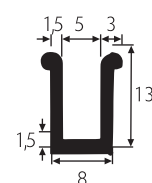
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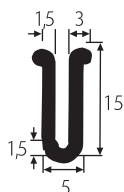
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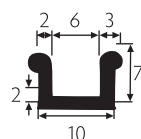
126 56 g/m



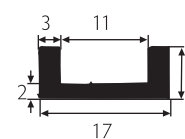
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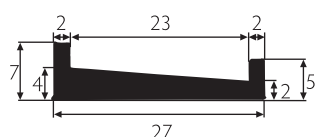
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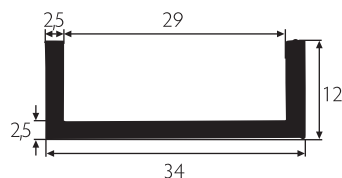
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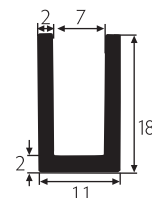
130 96 g/m



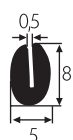
131 144 g/m



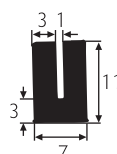
132 186 g/m



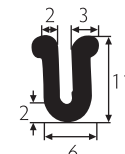
134 152 g/m



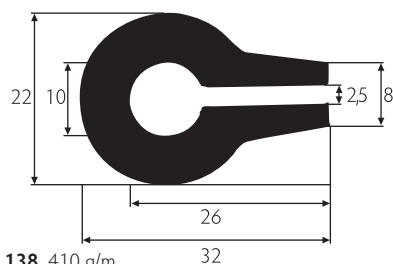
135 36 g/m



136 94 g/m



137 64 g/m



138 410 g/m



139 25 g/m



140 76 g/m



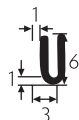
141 122 g/m

EXTRUDED AND MOULDED PROFILES, BUMPERS

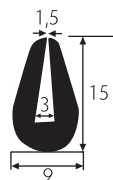


Profiles

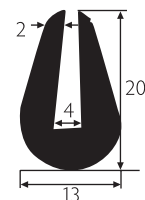
Rubber profiles: Quality black EPDM (available on request other compounds kinds)



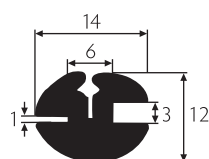
142 26 g/m



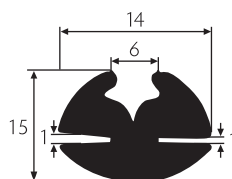
143 130 g/m



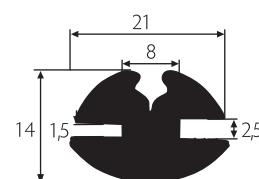
144 200 g/m



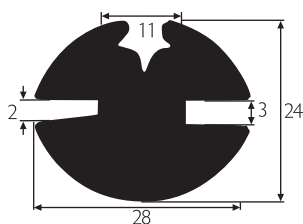
198 134 g/m (con spina 260P)



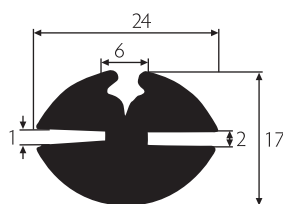
200 246 g/m (con spina 260)



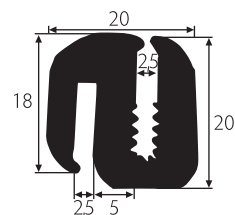
201 290 g/m (con spina 260P)



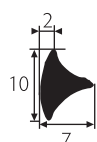
202 592 g/m (con spine: 260, 205 e 206)



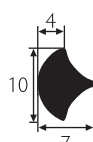
203 358 g/m (con spina 260)



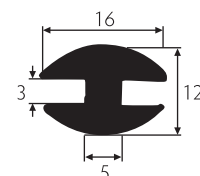
204 364 g/m



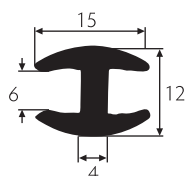
205 38 g/m



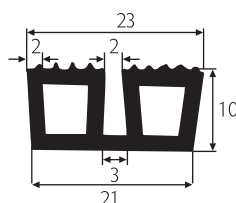
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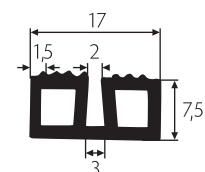
208 200 g/m



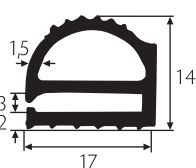
209 145 g/m



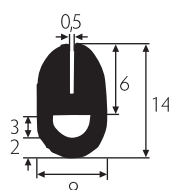
210 184 g/m



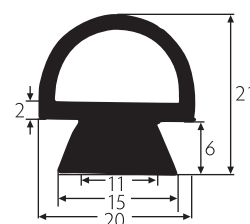
211 112 g/m



212 132 g/m



213 125 g/m

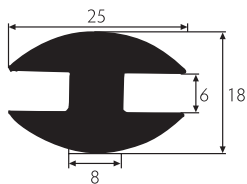


214 276 g/m

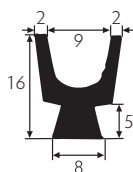
EXTRUDED AND MOULDED PROFILES, BUMPERS



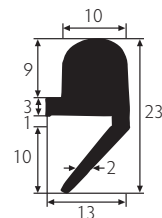
Profiles



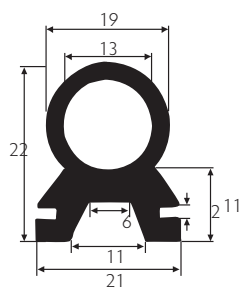
215 350 g/m



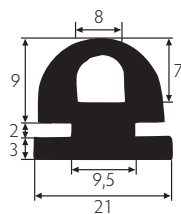
216 131 g/m



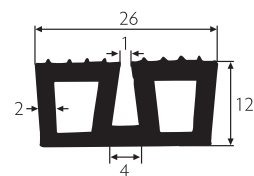
218 273 g/m



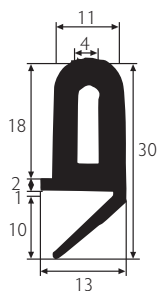
219 375 g/m



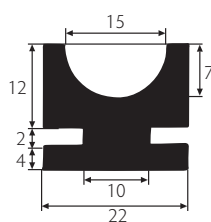
220 356 g/m



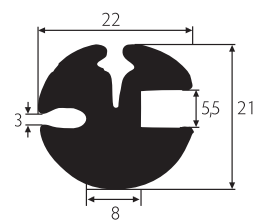
221 224 g/m



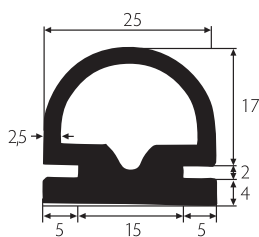
222 316 g/m



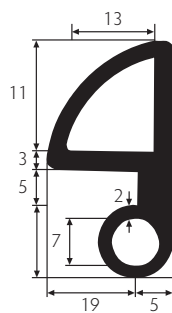
223 500 g/m



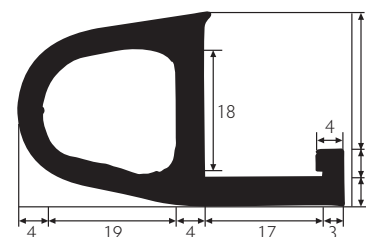
225 360 g/m (con spina 260)



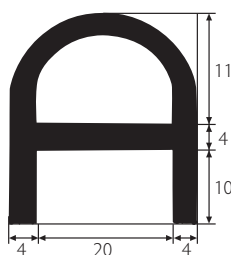
226 334 g/m



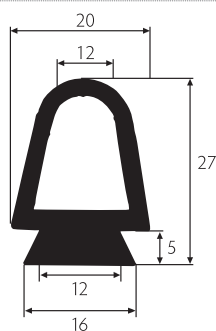
227 438 g/m



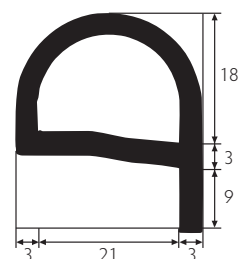
228 468 g/m



229 410 g/m



230 425 g/m



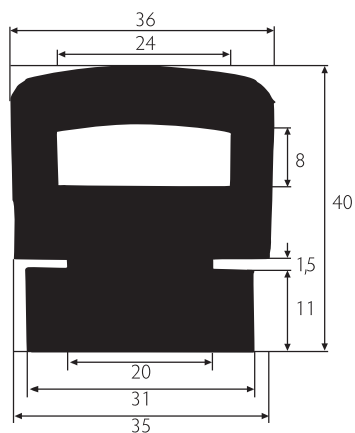
231 375 g/m

EXTRUDED AND MOULDED PROFILES, BUMPERS

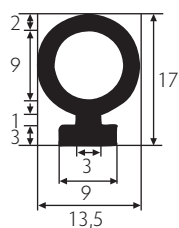


Profiles

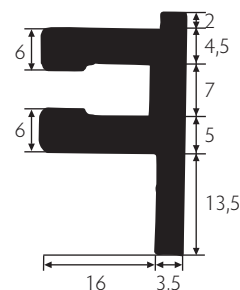
Rubber profiles: Quality black EPDM (available on request other compounds kinds)



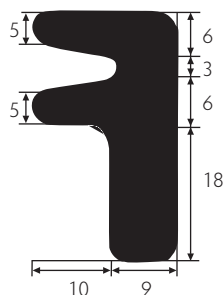
232 1750 g/m



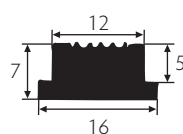
234 0,146 g/m



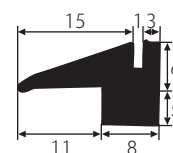
236 500 g/m



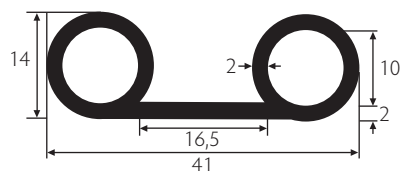
237 521 g/m



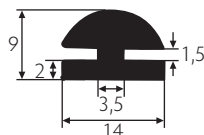
239 125 g/m



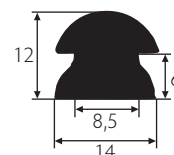
240 133 g/m



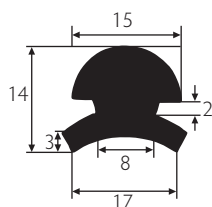
242 313 g/m



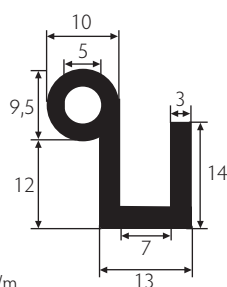
244 133 g/m



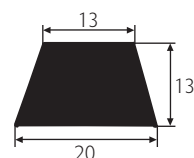
245 188 g/m



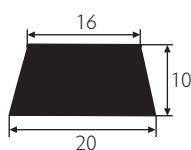
246 263 g/m



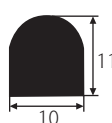
247 230 g/m



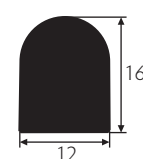
250 275 g/m



251 313 g/m



252 150 g/m

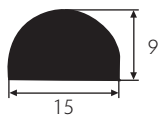


253 275 g/m

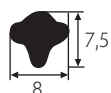
EXTRUDED AND MOULDED PROFILES, BUMPERS



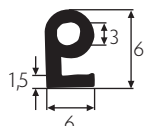
Profiles



254 193 g/m



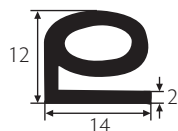
260 63 g/m



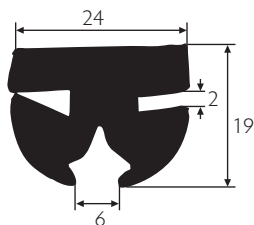
265 56 g/m



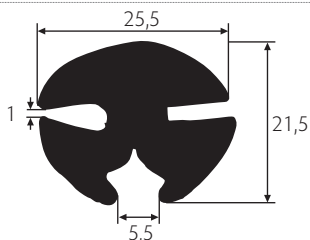
279 525 g/m



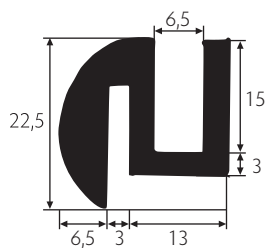
282 138 g/m



288 563 g/m



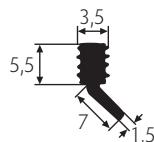
296 563 g/m (con spina 260)



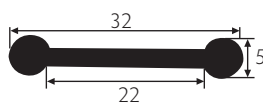
257 375 g/m



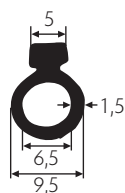
260/P 40 g/m



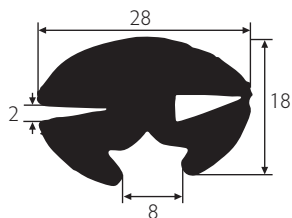
272 50 g/m



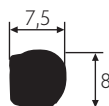
280 103 g/m



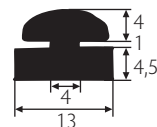
285 78 g/m



292 563 g/m (con spina 260)



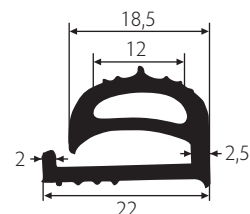
297 81 g/m



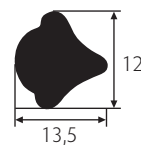
258 163 g/m



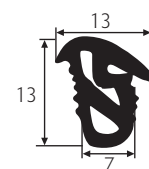
261 45 g/m



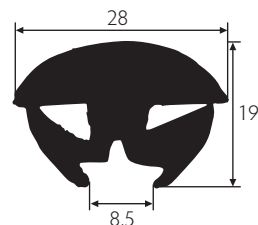
273 172 g/m



281 195 g/m



286 102 g/m



293 402 g/m (con spina 205)

EXTRUDED AND MOULDED PROFILES, BUMPERS



Profiles

D-Shaped Bumpers and cylindrical bumpers in Ethylene Propylene: EPDM

Light, robust and easy to mount; these **D-shaped bumpers** have a wide range of uses: for **nautical applications** such as fenders for boats, paths and jetties; for **industry and commerce** such as the protection of masonry, prefabricated structures, scaffolding and machinery when moving indoors; for the protection of loading bays and docks from the rear of trucks.

STRUCTURE

Mixture of black rubber particularly designed for resistance to: hitting, abrasion, laceration, ageing, atmospheric agents and sea water.

STANDARD LENGTH

Section 40 x 22: 20 metre (max), for all the other sections: 4 metre (max)

SPECIAL VERSIONS

On request we can supply bumpers to your specific design and in non-standard rubbers.

FIXING

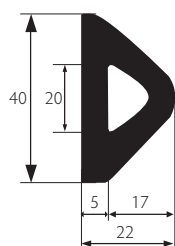
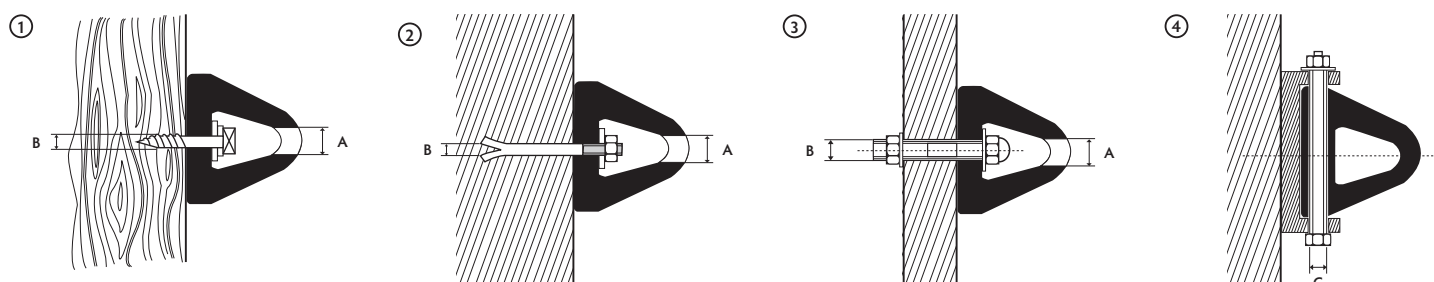
To mount types ① ② and ③

Drill the profile at point A with a hole diameter slightly greater than the head of the bolt, to allow the insertion of an allen key, or if using an hexagonal head (type brugola) the diameter of the hole will be that of the head of the bolt; then drill the base of the profile at point B with a hole diameter the same size as the fixing.

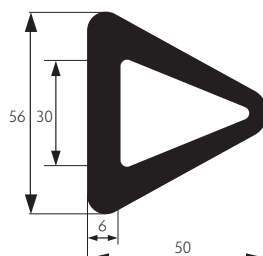
To mount type ④

Drill a hole passing through the base of the profile at point C with the \varnothing the same as that of the fixing.

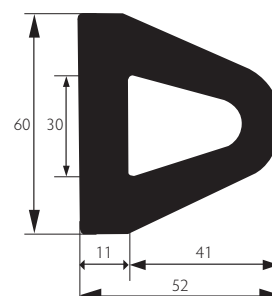
To best avoid damaging the bumper when mounting it is advisable to use washers and to tighten bolts only until the point where the rubber starts to deform, ensuring that the bolt thread is not visible. In case of additional gluing clean the bumper perfectly and degrease the mounting surface; if necessary lightly sand the bumper's mounting surface.



V4PD040
SECTION 40X22
kg/m 0,7 ca.



V4PD056
SECTION 56X50
kg/m 1,5 ca.

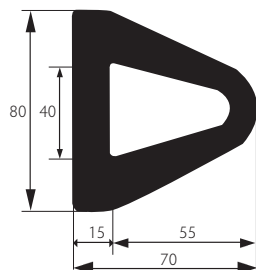


V4PD060
SECTION 60X52
kg/m 2 ca.

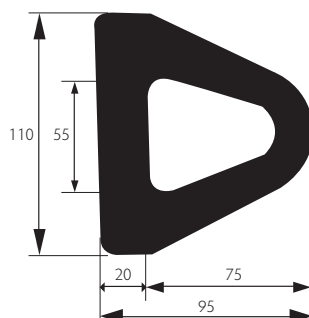
EXTRUDED AND MOULDED PROFILES, BUMPERS



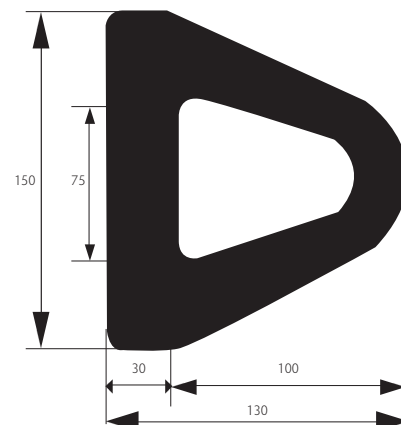
Profiles



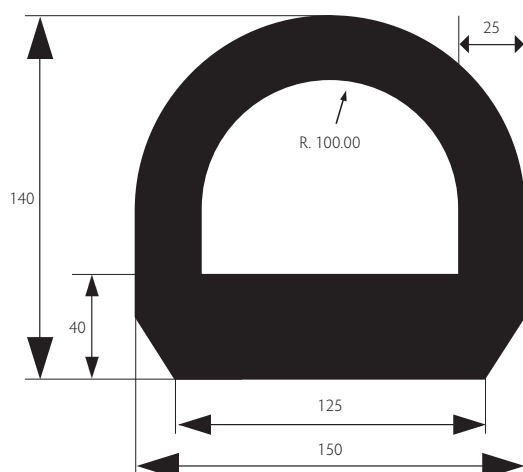
V4PD080
SECTION 80X70
kg/m 4 ca.



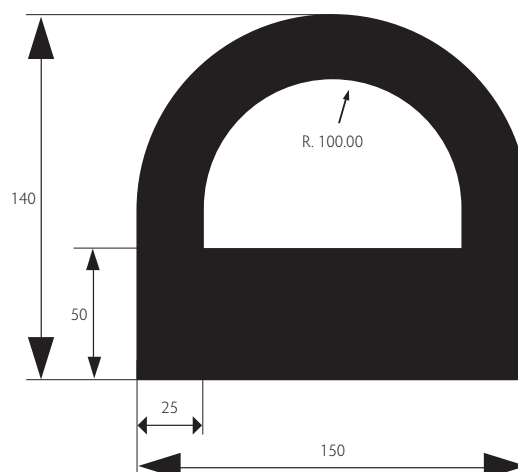
V4PD110
SECTION 110X95
kg/m 7 ca.



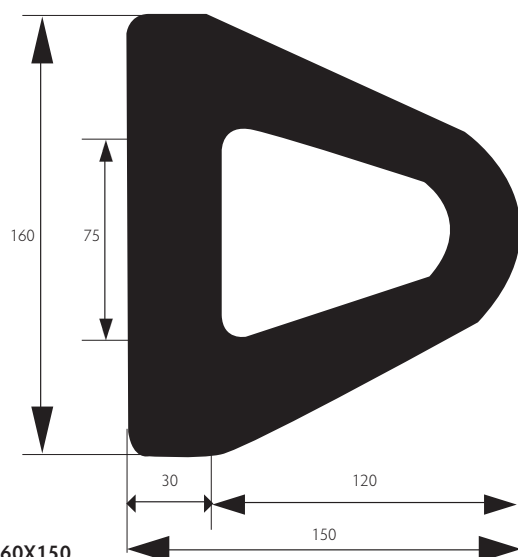
V4PD150
SECTION 150X130
kg/m 14 ca.



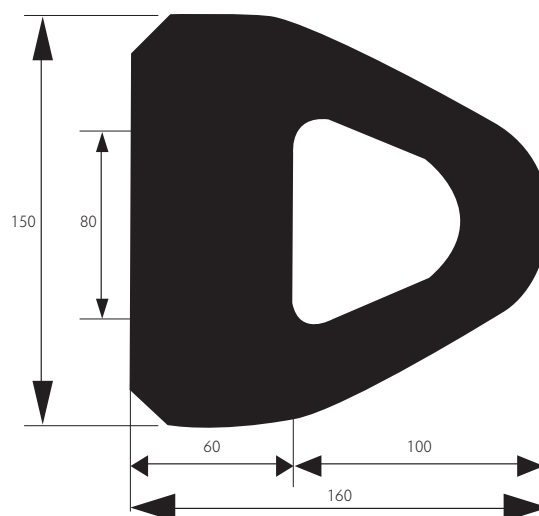
V4PD150K
SECTION 150X140
kg/m 16 ca.



V4PD150M
SECTION 150X140
kg/m 16 ca.



V4PD151
SECTION 160X150
kg/m 15,5 ca.



V4PD151K
SECTION 150X160 (on demand with rounded edge)
kg/m 17 ca.

EXTRUDED AND MOULDED PROFILES, BUMPERS



Normal Sponge Rubber - Bright Grey

Characteristics	Note
Polymer: SBR	
Colour: Bright Grey	
Density : 0.6 - 0.7 g/cm ³	The density can vary as a function of the dimensions of the finished product due to the production process.
Flame Resistance: not resistant	
Dilute acids resistance: good	
Base resistance: good	
Ozone resistance: meagre	
Maximum working temperature: 70°C	
Water absorption after 3 days immersion: 5%	

Neoprene Sponge Rubber - Dark Grey

Characteristics	Note
Polymer: Neoprene / SBR	
Colour: Dark Grey	
Density : 0.65 - 0.80 g/cm ³	The density can vary as a function of the dimensions of the finished product due to the production process.
Flame Resistance: wak	
Dilute acids resistance: good	
Base resistance: good	
Ozone resistance: good	
Maximum working temperature: 90°C	
Water absorption after 3 days immersion: 4%	

EPDM Mousse

Characteristics	Note
Polymer: EPDM	
Colour: Black	
Density: 120 +/-20 kg/m ³	Good mechanical resistance and to atmospheric agents.
Flame Resistance (UL94): catches fire	
Ozone resistance: reasonable	
Continuous working temperature: -40°C to 80°C	
Maximum intermittent temperature: 105°C	
Water absorption (ASTM D1056): =<5%	

Neoprene Mousse

Characteristics	Note
Polymer: CR/NBR	
Colour: Black	
Density: 150 +/- 25 kg/m ³	Good weather, flame and oil and chemical product resistance.
Flame Resistance (UL94): SP ≥ 2 mm HF1/SP ≥ 10 mm VØ	
Ozone resistance: good	
Continuous working temperature: -40°C to 100°C	
Maximum intermittent temperature: 115°C	
Water absorption (ASTM D1056): =<5%	

Peroxide / Platinum Cored Silicone Foam

Characteristics	Note
Polymer: VMQ	
Colour: White	
Density : 0,5 g/cm ³	Good mechanical and atmospheric agent resistance. FDA certificate for platinum cured version.
Elongation at break: 370%	
Compression set: ca.20%	
Continuous working temperature: -50°C to 200°C	
Maximum intermittent temperature: 220°C	
Water absorption (ASTM D1056): =< 5%	

Socaprene

Characteristics	Note
Polymer: CR	
Colour: Black	
Density : 0.15 - 0.20 g/cm ³	Good weather, flame and oil and chemical product resistance. CFC free (2000/53/CE).
Flame Resistance (UL94): 94HF1	
Ozone resistance: very good	
Continuous working temperature: -40°C to 115°C	
Maximum intermittent temperature: 130°C	
Water absorption (ASTM D1056): =<5%	

Softseals

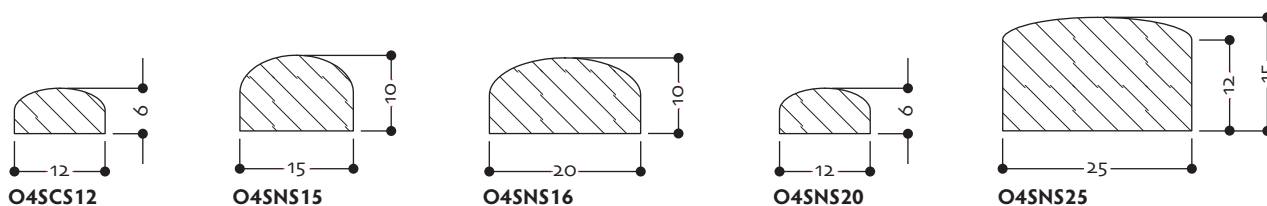
Characteristics	Note
Polymer: PTFE 100%	
Colour: White	
Density: 0,55 g/cm ³	Good weather, oil and chemical product resistance.
Pressure: 210 bar	
Chemical: PH 0-14	
Continuous working temperature: -200°C +280°C	
Maximum intermittent temperature: 315°C	
FDA and WRC norms respected	

Polyurethane Foam

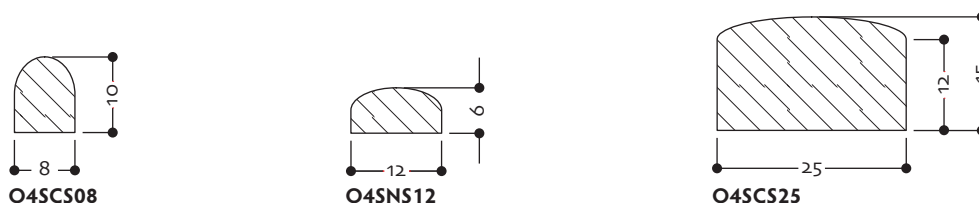
Characteristics	Note
Polymer: PU	
Colour: black, black/yellow	Special profiles for environmental protection of edges and corners. Also used as a bumper or stopper. Good mechanical properties.
Density: 0,30 g/cm ³	
Available in range of temperature : -40°C - +100°C	
Self adhesive	
Smooth surface	
Surface on air with yellow/black stripes for immediate detection of danger.	

EXTRUDED AND MOULDED PROFILES, BUMPERS

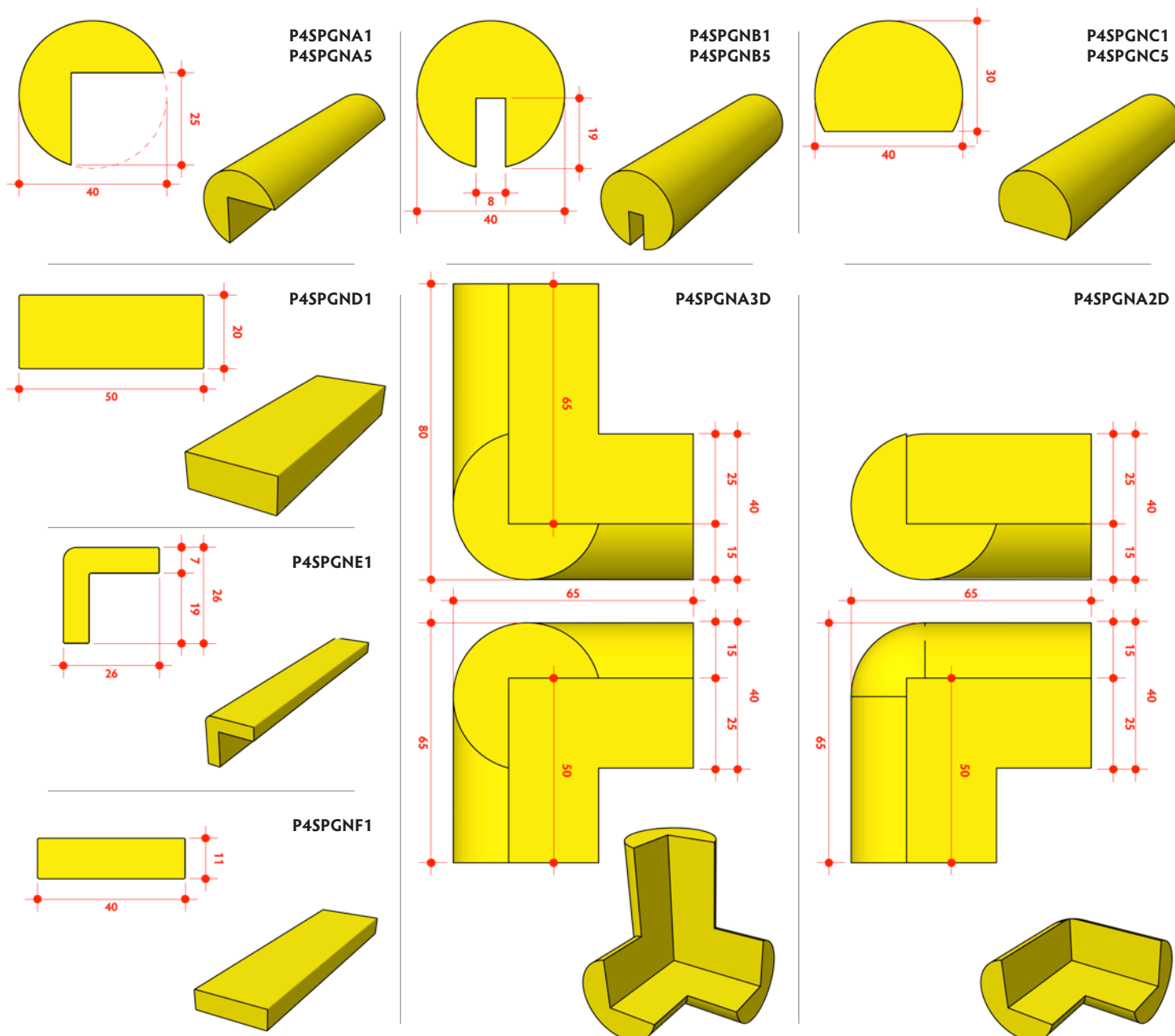
SPONGE RUBBER – NORMAL – SKIN – GREY CLEAR – SPECIAL PROFILES



SPONGE RUBBER – NEOPRENE – WITH FILM – DARK GREY – SPECIAL SECTIONS



PU FOAM – SELF-ADHESIVE – BLACK/YELLOW/** - SPECIAL SECTIONS



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