



Catalogue

Cellular rubber



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About cellular rubber

Cellular rubber, sponge rubber and foam rubber are all classified as foamed elastomers. Cellular rubber can be used for water, air and oil seals. It is often very soft, which also makes it suitable for thermal insulation and sound absorption.

Cellular rubber is a structure of closed cells, open cells or semi-closed cells. The primary trademark of cellular-rubber is excellent compression rate and its ability to regain its original shape.

Applications: parts that are often opened and closed or parted from each other, for example windows, doors, shutters or hatches.

Foam rubber has an open cell structure and is used in technical applications as well as in everyday items such as sponges and filters. Due to the large cells and open structure, foam rubber has excellent absorbing abilities. Foam rubber equipped with many pores is often used in mattresses, pillows and lining.

Sponge rubber is available with open, closed or semi-closed cells. The difference from cellular-rubber is the skin like surface. The cells are smaller than in foam rubber. Sponge rubber is primarily used as sealing.

All foamed elastomers can be produced from natural components as well as synthetic materials such as SBR, CR, NBR and EPDM rubber. It is also possible to make foamed products from high quality materials such as silicon rubber and Viton®.

Cellular-rubber materials

EPDM (Ethylene Propylene Diene Monomer)

EPDM is part of the group of synthetic rubbers or elastomers which are made in the polymerization of ethylene, propylene and diene. EPDM has excellent resistance to ageing, ozone, oxygen, UV-radiation and numerous acids and alkalis. EPDM is highly recommended for outdoor use due to its superior weather resistance. EPDM is also resistant to steam, water, salts and glycol (anti-freeze). Limited use is advised in applications containing mineral oils, grease and fuels. Temperature range -40°C to +90°C, withstanding temporary peaks in temperature up to +130°.

CR (Neoprene, Chloroprene)

Neoprene is a synthetic rubber which is achieved after the polymerization of chloroprene. The presence of the chlorine atom improves the chemical resistance making it superior to, for example SBR and natural rubber, and gives the rubber better weather, -heat, -ozone withstanding qualities. Neoprene is a very versatile rubber quality. Besides very good mechanical and elastic qualities, neoprene is also resistant to numerous chemicals. Neoprene has average to good resistance to mineral and synthetic oils, grease and fuels. Neoprene has however poor low temperature flexibility. Temperature range -40°C to +120°C.

NBR (Nitrile Butadiene Rubber)

NBR is a synthetic rubber produced from a copolymer of acrylonitrile and 1,3 butadiene and is also known as Nitrile, Perbunan, Buna-N and Hycar. In the production of cellular-rubber PVC is added. NBR has excellent resistance to water, oil, fuel and other petroleum products. It is superior to most elastomers in compression set, cold flow and abrasion resistance. NBR possesses a moderate to average resistance to ozone, sunlight, weather, it does not, however, possess good resistance to aromatic oils, halogenated hydrocarbons, ketones, brake fluids or strong acids. Temperature range -40°C to +100°C.

Silicone (Vinyl Methyl Silicone –VMQ)

The silicone foam-rubber has excellent resistance to temperature extremes. The material is very soft, has very good stress relaxing properties, it is easy to re-shape. It is self-extinguishing and very durable, even in outdoor-use. Silicone foam-rubber has a very good resistance to sunlight, ozone, oxygen and gases. The silicone foam-rubber possesses good electrical insulation properties, water repellency, does not oxidize and is completely toxin-free. However, it has poor tensile strength, tear, abrasion and steam resistance. Temperature range -70°C to +200°C.



EPDM cellular rubber sheeting without self-adhesive layer

quality : EPDM
 colour : black
 cellular structure : closed
 execution : without adhesive
 temperature range : -40°C to +95°C
 density : 120 kg/m³ (+/- 20)
 hardness shore 00 : 50 (-10/+5)
 hardness shore A : ca. 10-15

article code	thickness (mm)	width (mm)	length (mm)
27700002	2	1000	20000
27700003	3	1000	20000
27700004	4	1000	20000
27700005	5	1000	20000
27700006	6	1000	20000
27700008	8	1000	20000
27700010	10	1000	20000
27700012	12	1000	10000
27700015	15	1000	10000
27700020	20	1000	10000
27700025	25	1000	2000
27700030	30	1000	2000
27700040	40	1000	2000
27700050	50	1000	2000



EPDM Cellular rubber sheeting with self-adhesive, black

quality : EPDM
 colour : black
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +95°C
 density : 120 kg/m³ (+/- 20)
 hardness shore 00 : 50 (-10/+5)
 hardness shore A : ca. 10-15

article code	thickness (mm)	width (mm)	length (mm)
27710002	2	1000	20000
27710003	3	1000	20000
27710004	4	1000	20000
27710005	5	1000	20000
27710006	6	1000	20000
27710008	8	1000	20000
27710010	10	1000	20000
27710012	12	1000	10000
27710015	15	1000	10000
27710020	20	1000	10000



EPDM cellular rubber sheeting with self-adhesive layer, white

quality : EPDM
 colour : white
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +95°C
 density : 120 kg/m³ (+/- 5)
 hardness shore 00 : 40 (+/- 5)
 hardness shore A : ca. 10-15

article code	thickness (mm)	width (mm)	length (mm)
28010002	2	1000	10000
28010003	3	1000	10000
28010004	4	1000	10000
28010005	5	1000	10000
28010006	6	1000	10000
28010008	8	1000	10000
28010010	10	1000	10000
28010012	12	1000	10000
28010015	15	1000	10000
28010020	20	1000	10000



EPDM Cellular rubber sheeting with self-adhesive, grey

quality : EPDM
 colour : grey
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +95°C
 density : 120 kg/m³ (+/- 5)
 hardness shore 00 : 40 (+/- 5)
 hardness shore A : ca. 10-15

article code	thickness (mm)	width (mm)	length (mm)
28110002	2	1000	10000
28110003	3	1000	10000
28110004	4	1000	10000
28110005	5	1000	10000
28110006	6	1000	10000
28110008	8	1000	10000
28110010	10	1000	10000
28110012	12	1000	10000
28110015	15	1000	10000
28110020	20	1000	10000

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 12 mm)	20 meters	10 meters	10 meters
roll length (thickness 15 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
5	2	27000502		27300502		27200502	
5	3	27000503		27300503		27200503	
5	4	27000504		27300504		27200504	
5	5	27000505		27300505		27200505	
6	2	27000602		27300602		27200602	
6	3	27000603		27300603		27200603	
6	4	27000604		27300604		27200604	
6	5	27000605		27300605		27200605	
6	6	27000606		27300606		27200606	
7	2	27000702		27300702		27200702	
7	3	27000703		27300703		27200703	
7	4	27000704		27300704		27200704	
7	5	27000705		27300705		27200705	
7	6	27000706		27300706		27200706	

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
8	2	27000802		27300802		27200802	
8	3	27000803		27300803		27200803	
8	4	27000804		27300804		27200804	
8	5	27000805		27300805		27200805	
8	6	27000806		27300806		27200806	
8	8	27000808		27300808		27200808	
9	2	27000902		27300902		27200902	
9	3	27000903		27300903		27200903	
9	4	27000904		27300904		27200904	
9	5	27000905		27300905		27200905	
9	6	27000906		27300906		27200906	
9	8	27000908		27300908		27200908	
10	2	27001002		27301002		27201002	
10	3	27001003		27301003		27201003	
10	4	27001004		27301004		27201004	
10	5	27001005		27301005		27201005	
10	6	27001006		27301006		27201006	
10	8	27001008		27301008		27201008	
10	10	27001010		27301010		27201010	
12	2	27001202		27301202		27201202	
12	3	27001203		27301203		27201203	
12	4	27001204		27301204		27201204	
12	5	27001205		27301205		27201205	
12	6	27001206		27301206		27201206	
12	8	27001208		27301208		27201208	
12	10	27001210		27301210		27201210	
12	12	27001212		27301212		27201212	

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 10 mm)	20 meters	10 meters	10 meters
roll length (thickness 12 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
15	2	27001502		27301502		27201502	
15	3	27001503		27301503		27201503	
15	4	27001504		27301504		27201504	
15	5	27001505		27301505		27201505	
15	6	27001506		27301506		27201506	
15	8	27001508		27301508		27201508	
15	10	27001510		27301510		27201510	
15	12	27001512		27301512		27201512	
15	15	27001515		27301515		27201515	
18	2	27001802		27301802		27201802	
18	3	27001803		27301803		27201803	
18	4	27001804		27301804		27201804	
18	5	27001805		27301805		27201805	
18	6	27001806		27301806		27201806	
18	8	27001808		27301808		27201808	

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
18	10	27001810		27301810		27201810	
18	12	27001812		27301812		27201812	
18	15	27001815		27301815		27201815	
20	2	27002002		27302002		27202002	
20	3	27002003		27302003		27202003	
20	4	27002004		27302004		27202004	
20	5	27002005		27302005		27202005	
20	6	27002006		27302006		27202006	
20	8	27002008		27302008		27202008	
20	10	27002010		27302010		27202010	
20	12	27002012		27302012		27202012	
20	15	27002015		27302015		27202015	
20	20	27002020		27302020		27202020	
25	2	27002502		27302502		27202502	
25	3	27002503		27302503		27202503	
25	4	27002504		27302504		27202504	
25	5	27002505		27302505		27202505	
25	6	27002506		27302506		27202506	
25	8	27002508		27302508		27202508	
25	10	27002510		27302510		27202510	
25	12	27002512		27302512		27202512	
25	15	27002515		27302515		27202515	
25	20	27002520		27302520		27202520	
30	2	27003002		27303002		27203002	
30	3	27003003		27303003		27203003	
30	4	27003004		27303004		27203004	
30	5	27003005		27303005		27203005	
30	6	27003006		27303006		27203006	
30	8	27003008		27303008		27203008	
30	10	27003010		27303010		27203010	
30	12	27003012		27303012		27203012	
30	15	27003015		27303015		27203015	
30	20	27003020		27303020		27203020	

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 12 mm)	20 meters	10 meters	10 meters
roll length (thickness 15 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
35	2	27003502		27303502		27203502	
35	3	27003503		27303503		27203503	
35	4	27003504		27303504		27203504	
35	5	27003505		27303505		27203505	
35	6	27003506		27303506		27203506	
35	8	27003508		27303508		27203508	
35	10	27003510		27303510		27203510	
35	12	27003512		27303512		27203512	
35	15	27003515		27303515		27203515	
35	20	27003520		27303520		27203520	
40	2	27004002		27304002		27204002	
40	3	27004003		27304003		27204003	
40	4	27004004		27304004		27204004	
40	5	27004005		27304005		27204005	
40	6	27004006		27304006		27204006	
40	8	27004008		27304008		27204008	

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
40	10	27004010		27304010	2,87	27204010	2,82
40	12	27004012		27304012	3,72	27204012	3,66
40	15	27004015		27304015	4,03	27204015	3,96
40	20	27004020		27304020	5,55	27204020	5,46
50	2	27005002		27305002		27205002	
50	3	27005003		27305003		27205003	
50	4	27005004		27305004		27205004	
50	5	27005005		27305005		27205005	
50	6	27005006		27305006		27205006	
50	8	27005008		27305008		27205008	
50	10	27005010		27305010		27205010	
50	12	27005012		27305012		27205012	
50	15	27005015		27305015		27205015	
50	20	27005020		27305020		27205020	
60	2	27006002		27306002		27206002	
60	3	27006003		27306003		27206003	
60	4	27006004		27306004		27206004	
60	5	27006005		27306005		27206005	
60	6	27006006		27306006		27206006	
60	8	27006008		27306008		27206008	
60	10	27006010		27306010		27206010	
60	12	27006012		27306012		27206012	
60	15	27006015		27306015		27206015	
60	20	27006020		27306020		27206020	
70	2	27007002		27307002		27207002	
70	3	27007003		27307003		27207003	
70	4	27007004		27307004		27207004	
70	5	27007005		27307005		27207005	
70	6	27007006		27307006		27207006	
70	8	27007008		27307008		27207008	
70	10	27007010		27307010		27207010	
70	12	27007012		27307012		27207012	
70	15	27007015		27307015		27207015	
70	20	27007020		27307020		27207020	

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 12 mm)	20 meters	10 meters	10 meters
roll length (thickness 15 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
75	2	27007502		27307502		27207502	
75	3	27007503		27307503		27207503	
75	4	27007504		27307504		27207504	
75	5	27007505		27307505		27207505	
75	6	27007506		27307506		27207506	
75	8	27007508		27307508		27207508	
75	10	27007510		27307510		27207510	
75	12	27007512		27307512		27207512	
75	15	27007515		27307515		27207515	
75	20	27007520		27307520		27207520	

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
80	2	27008002		27308002		27208002	
80	3	27008003		27308003		27208003	
80	4	27008004		27308004		27208004	
80	5	27008005		27308005		27208005	
80	6	27008006		27308006		27208006	
80	8	27008008		27308008		27208008	
80	10	27008010		27308010		27208010	
80	12	27008012		27308012		27208012	
80	15	27008015		27308015		27208015	
80	20	27008020		27308020		27208020	
90	2	27009002		27309002		27209002	
90	3	27009003		27309003		27209003	
90	4	27009004		27309004		27209004	
90	5	27009005		27309005		27209005	
90	6	27009006		27309006		27209006	
90	8	27009008		27309008		27209008	
90	10	27009010		27309010		27209010	
90	12	27009012		27309012		27209012	
90	15	27009015		27309015		27209015	
90	20	27009020		27309020		27209020	
100	2	27010002		27310002		27210002	
100	3	27010003		27310003		27210003	
100	4	27010004		27310004		27210004	
100	5	27010005		27310005		27210005	
100	6	27010006		27310006		27210006	
100	8	27010008		27310008		27210008	
100	10	27010010		27310010		27210010	
100	12	27010012		27310012		27210012	
100	15	27010015		27310015		27210015	
100	20	27010020		27310020		27210020	

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 12 mm)	20 meters	10 meters	10 meters
roll length (thickness 15 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
150	2	27015002		27315002		27215002	
150	3	27015003		27315003		27215003	
150	4	27015004		27315004		27215004	
150	5	27015005		27315005		27215005	
150	6	27015006		27315006		27215006	
150	8	27015008		27315008		27215008	
150	10	27015010		27315010		27215010	
150	12	27015012		27315012		27215012	
150	15	27015015		27315015		27215015	
150	20	27015020		27315020		27215020	

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
200	2	27020002		27320002		27220002	
200	3	27020003		27320003		27220003	
200	4	27020004		27320004		27220004	
200	5	27020005		27320005		27220005	
200	6	27020006		27320006		27220006	
200	8	27020008		27320008		27220008	
200	10	27020010		27320010		27220010	
200	12	27020012		27320012		27220012	
200	15	27020015		27320015		27220015	
200	20	27020020		27320020		27220020	
250	2	27025002		27325002		27225002	
250	3	27025003		27325003		27225003	
250	4	27025004		27325004		27225004	
250	5	27025005		27325005		27225005	
250	6	27025006		27325006		27225006	
250	8	27025008		27325008		27225008	
250	10	27025010		27325010		27225010	
250	12	27025012		27325012		27225012	
250	15	27025015		27325015		27225015	
250	20	27025020		27325020		27225020	
300	2	27030002		27330002		27230002	
300	3	27030003		27330003		27230003	
300	4	27030004		27330004		27230004	
300	5	27030005		27330005		27230005	
300	6	27030006		27330006		27230006	
300	8	27030008		27330008		27230008	
300	10	27030010		27330010		27230010	
300	12	27030012		27330012		27230012	
300	15	27030015		27330015		27230015	
300	20	27030020		27330020		27230020	

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 12 mm)	20 meters	10 meters	10 meters
roll length (thickness 15 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
400	2	27040002		27340002		27240002	
400	3	27040003		27340003		27240003	
400	4	27040004		27340004		27240004	
400	5	27040005		27340005		27240005	
400	6	27040006		27340006		27240006	
400	8	27040008		27340008		27240008	
400	10	27040010		27340010		27240010	
400	12	27040012		27340012		27240012	
400	15	27040015		27340015		27240015	
400	20	27040020		27340020		27240020	

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
500	2	27050002		27350002		27250002	
500	3	27050003		27350003		27250003	
500	4	27050004		27350004		27250004	
500	5	27050005		27350005		27250005	
500	6	27050006		27350006		27250006	
500	8	27050008		27350008		27250008	
500	10	27050010		27350010		27250010	
500	12	27050012		27350012		27250012	
500	15	27050015		27350015		27250015	
500	20	27050020		27350020		27250020	
600	2	27060002		27360002		27260002	
600	3	27060003		27360003		27260003	
600	4	27060004		27360004		27260004	
600	5	27060005		27360005		27260005	
600	6	27060006		27360006		27260006	
600	8	27060008		27360008		27260008	
600	10	27060010		27360010		27260010	
600	12	27060012		27360012		27260012	
600	15	27060015		27360015		27260015	
600	20	27060020		27360020		27260020	
700	2	27070002		27370002		27270002	
700	3	27070003		27370003		27270003	
700	4	27070004		27370004		27270004	
700	5	27070005		27370005		27270005	
700	6	27070006		27370006		27270006	
700	8	27070008		27370008		27270008	
700	10	27070010		27370010		27270010	
700	12	27070012		27370012		27270012	
700	15	27070015		27370015		27270015	
700	20	27070020		27370020		27270020	

Self-adhesive EPDM cellular rubber strips



colour	black	grey	white
quality	EPDM	EPDM	EPDM
cellular structure	closed	closed	closed
execution	one side self-adhesive layer	one side self-adhesive layer	one side self-adhesive layer
temperature range	-40°C to +95°C	-40°C to +95°C	-40°C to +95°C
density	120 (+/-20) kg/m ³	120 (+/-10) kg/m ³	120 (+/-10) kg/m ³
hardness Shore 00	50 (-10/+5)	40 (+/-5)	40 (+/-5)
hardness Shore A	ca. 10-15	ca. 10-15	ca. 10-15
roll length (thickness 2 - 12 mm)	20 meters	10 meters	10 meters
roll length (thickness 15 - 20 mm)	10 meters	10 meters	10 meters

width (mm)	thickness (mm)	black		grey		white	
		article code		article code		article code	
750	2	27075002		27375002		27275002	
750	3	27075003		27375003		27275003	
750	4	27075004		27375004		27275004	
750	5	27075005		27375005		27275005	
750	6	27075006		27375006		27275006	
750	8	27075008		27375008		27275008	
750	10	27075010		27375010		27275010	
750	12	27075012		27375012		27275012	
750	15	27075015		27375015		27275015	
750	20	27075020		27375020		27275020	

Sponge rubber K-profile

The VR Trade K-profile is a sponge rubber self-adhesive sealing strip made out of high quality and long lasting EPDM rubber, specially designed for windows and doors. The glass fibre reinforced tape on the back of the profile facilitates the installation.

The K-profile is suitable for indoor as well as outdoor applications and has a temperature range from -50°C to +90°C. Lowest recommended installation temperature is +5°C combined with a 25% compression.

Applications: Wooden frames, factory glazing, windows and doors



EPDM sponge rubber K-profile

quality : EPDM
colour : black
cell structure : closed
execution : one side self-adhesive layer
temperature range : -50°C to +90°C
density : 350 kg/m³ (+/- 50)
hardness shore 00 : ca. 45
hardness shore A : ca. 10
min. compression : 25%

article code	width (mm)	thickness (mm)	roll length (m)
26801415	8	2	225
26801422	9	4	125
26801428	10	5	100
26801432	10	6	75
26801440	15	3	100
26801448	15	8	50
26801458	20	4	50

D-profiles

The D-profiles from VR Trade are produced from high quality EPDM sponge rubber with closed cells. The D-shaped tunnel gives the profile a high compression and a strong recovery ability, resulting in a durable seal.

The profile is equipped with a self-adhesive layer, reinforced with glass fibre, preventing over-stretching in the installation.

The D-profile can be used indoors as well as outdoors, with a temperature range from -50°C to +90°C. Lowest recommended installation temperature is +5°C.

Applications: Air and water tight seals in window and door frames



EPDM D-profiles

quality : EPDM
colour : black
celstructure : closed
execution : one side self-adhesive layer
temperature range : -50°C to +90°C
density : 350 kg/m³ (+/- 50)
hardness shore 00 : ca. 45
hardness shore A : ca. 10
min. compression : 25%

article code	width (mm)	thickness (mm)	colour	roll length (m)
26801206	6	8	black	100
26801210	10	12	black	70 (2x35)
26801810	18	10	black	25
26802020	20	20	black	25

P-profiles

The P-profile from VR Trade is produced in high quality rubber from extruded EPDM with closed cells. The circle shaped air tunnel allows the profile to compress with ease, this makes excellent sealing and filling properties. The strong self-adhesive layer is reinforced with a fine glass fibre mesh, which allows movement without excessive stretching.

The P-profile can be used outdoors as well as indoors with a temperature range from -50°C to +90C. Lowest recommended installation temperature is +5°C.

Applications: Filling and sealing gaps in for example door and window frames.



EPDM P-profiles

quality : EPDM
celstructure : closed
execution : one side self-adhesive layer
temperature range : -50°C to +90°C
density : 350 kg/m³ (-100/+50)
hardness shore 00 : ca. 45
hardness shore A : ca. 10
min. compression : 25%

article code	width (mm)	thickness (mm)	colour	roll length (m)
26801010	9	5,5	black	100 (2x50)
26801010W	9	5,5	white	100 (2x50)
26801010B	9	5,5	bruin	100 (2x50)



CR cellular rubber sheeting without adhesive

quality : CR
 colour : black
 cellular structure : closed
 execution : without adhesive
 temperature range : -40°C to +120°C
 density : 150 kg/m³ (+/-25)
 hardness shore 00 : 50 (+/- 5)
 hardness shore A : ca. 10-15

article code	thickness (mm)	width (mm)	length (mm)
27800002	2	1000	20000
27800003	3	1000	20000
27800004	4	1000	20000
27800005	5	1000	20000
27800006	6	1000	20000
27800008	8	1000	20000
27800010	10	1000	20000
27800015	15	1000	10000
27800020	20	1000	2000
27800025	25	1000	2000
27800030	30	1000	2000
27800040	40	1000	2000
27800050	50	1000	2000
27800060	60 (*)	1000	2000
27800080	80 (**)	1000	2000
27800100	100 (***)	1000	2000

Additional information:

(*) this is 2 x 30mm glued

(**) this is 2 x 40mm glued

(***) this is 2 x 50mm glued



Self-adhesive CR cellular rubber sheeting

quality : CR
colour : black
cellular structure : closed
execution : one side self-adhesive layer
temperature range : -40°C to +120°C
density : 150 kg/m³ (+/-25)
hardness shore 00 : 50 (+/- 5)
hardness shore A : ca. 10-15

article code	thickness (mm)	width (mm)	length (mm)
27810002	2	1000	20000
27810003	3	1000	20000
27810004	4	1000	20000
27810005	5	1000	20000
27810006	6	1000	20000
27810008	8	1000	20000
27810010	10	1000	20000
27810012	12	1000	10000
27810015	15	1000	10000
27810020	20	1000	10000

Self-adhesive CR cellular rubber strips



colour : black
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +120°C
 density : 150 Kg/m³ (+/- 25)
 hardness Shore 00 : 50 (+/- 5)
 hardness Shore A : ca. 10 - 15
 roll length (thickness 2-12 mm) : 20 meters
 roll length (thickness 15-20 mm) : 10 meters

width	thickness	article code
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5	2	27100502
5	3	27100503
5	4	27100504
5	5	27100505
6	2	27100602
6	3	27100603
6	4	27100604
6	5	27100605
6	6	27100606
7	2	27100702
7	3	27100703
7	4	27100704
7	5	27100705
7	6	27100706
8	2	27100802
8	3	27100803
8	4	27100804
8	5	27100805
8	6	27100806
8	8	27100808
9	2	27100902
9	3	27100903
9	4	27100904
9	5	27100905
9	6	27100906
9	8	27100908
10	2	27101002
10	3	27101003
10	4	27101004
10	5	27101005
10	6	27101006
10	8	27101008
10	10	27101010

width	thickness	article code
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12	2	27101202
12	3	27101203
12	4	27101204
12	5	27101205
12	6	27101206
12	8	27101208
12	10	27101210
12	12	27101212
15	2	27101502
15	3	27101503
15	4	27101504
15	5	27101505
15	6	27101506
15	8	27101508
15	10	27101510
15	12	27101512
15	15	27101515
18	2	27101802
18	3	27101803
18	4	27101804
18	5	27101805
18	6	27101806
18	8	27101808
18	10	27101810
18	12	27101812
18	15	27101815
20	2	27102002
20	3	27102003
20	4	27102004
20	5	27102005
20	6	27102006
20	8	27102008
20	10	27102010
20	12	27102012
20	15	27102015
20	20	27102020

width	thickness	article code
25	2	27102502
25	3	27102503
25	4	27102504
25	5	27102505
25	6	27102506
25	8	27102508
25	10	27102510
25	12	27102512
25	15	27102515
25	20	27102520
30	2	27103002
30	3	27103003
30	4	27103004
30	5	27103005
30	6	27103006
30	8	27103008
30	10	27103010
30	12	27103012
30	15	27103015
30	20	27103020
35	2	27103502
35	3	27103503
35	4	27103504
35	5	27103505
35	6	27103506
35	8	27103508
35	10	27103510
35	12	27103512
35	15	27103515
35	20	27103520
40	2	27104002
40	3	27104003
40	4	27104004
40	5	27104005
40	6	27104006
40	8	27104008
40	10	27104010
40	12	27104012
40	15	27104015
40	20	27104020
50	2	27105002
50	3	27105003
50	4	27105004
50	5	27105005
50	6	27105006

width	thickness	article code
50	8	27105008
50	10	27105010
50	12	27105012
50	15	27105015
50	20	27105020
60	2	27106002
60	3	27106003
60	4	27106004
60	5	27106005
60	6	27106006
60	8	27106008
60	10	27106010
60	12	27106012
60	15	27106015
60	20	27106020
70	2	27107002
70	3	27107003
70	4	27107004
70	5	27107005
70	6	27107006
70	8	27107008
70	10	27107010
70	12	27107012
70	15	27107015
70	20	27107020
75	2	27107502
75	3	27107503
75	4	27107504
75	5	27107505
75	6	27107506
75	8	27107508
75	10	27107510
75	12	27107512
75	15	27107515
75	20	27107520
80	2	27108002
80	3	27108003
80	4	27108004
80	5	27108005
80	6	27108006
80	8	27108008
80	10	27108010
80	12	27108012
80	15	27108015
80	20	27108020

Self-adhesive CR cellular rubber strips



colour : black
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +120°C
 density : 150 Kg/m³ (+/- 25)
 hardness Shore 00 : 50 (+/- 5)
 hardness Shore A : ca. 10 - 15
 roll length (thickness 2-12 mm) : 20 meters
 roll length (thickness 15-20 mm) : 10 meters

width	thickness	article code
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90	2	27109002
90	3	27109003
90	4	27109004
90	5	27109005
90	6	27109006
90	8	27109008
90	10	27109010
90	12	27109012
90	15	27109015
90	20	27109020

100	2	27110002
100	3	27110003
100	4	27110004
100	5	27110005
100	6	27110006
100	8	27110008
100	10	27110010
100	12	27110012
100	15	27110015
100	20	27110020

150	2	27115002
150	3	27115003
150	4	27115004
150	5	27115005
150	6	27115006
150	8	27115008
150	10	27115010
150	12	27115012
150	15	27115015
150	20	27115020

width	thickness	article code
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200	2	27120002
200	3	27120003
200	4	27120004
200	5	27120005
200	6	27120006
200	8	27120008
200	10	27120010
200	12	27120012
200	15	27120015
200	20	27120020

250	2	27125002
250	3	27125003
250	4	27125004
250	5	27125005
250	6	27125006
250	8	27125008
250	10	27125010
250	12	27125012
250	15	27125015
250	20	27125020

300	2	27130002
300	3	27130003
300	4	27130004
300	5	27130005
300	6	27130006
300	8	27130008
300	10	27130010
300	12	27130012
300	15	27130015
300	20	27130020

width	thickness	article code
400	2	27140002
400	3	27140003
400	4	27140004
400	5	27140005
400	6	27140006
400	8	27140008
400	10	27140010
400	12	27140012
400	15	27140015
400	20	27140020
500	2	27150002
500	3	27150003
500	4	27150004
500	5	27150005
500	6	27150006
500	8	27150008
500	10	27150010
500	12	27150012
500	15	27150015
500	20	27150020
600	2	27160002
600	3	27160003
600	4	27160004
600	5	27160005
600	6	27160006
600	8	27160008
600	10	27160010
600	12	27160012
600	15	27160015
600	20	27160020

width	thickness	article code
700	2	27170002
700	3	27170003
700	4	27170004
700	5	27170005
700	6	27170006
700	8	27170008
700	10	27170010
700	12	27170012
700	15	27170015
700	20	27170020
750	2	27175002
750	3	27175003
750	4	27175004
750	5	27175005
750	6	27175006
750	8	27175008
750	10	27175010
750	12	27175012
750	15	27175015
750	20	27175020



Self-adhesive NBR cellular rubber sheeting

quality : NBR/PVC
colour : black
cellular structure : closed
execution : one side self-adhesive layer
temperature range : -40°C to +100°C
density : 195 Kg/m³ (+/- 25)
hardness Shore 00 : 55 (+/- 5)
hardness Shore A : ca. 10 - 15

article code	thickness (mm)	width (mm)	length (mm)
27900002	2	1000	10000
27900003	3	1000	10000
27900004	4	1000	10000
27900005	5	1000	10000
27900006	6	1000	10000
27900008	8	1000	10000
27900010	10	1000	10000



Self-adhesive NBR/PVC cellular rubber strips

quality : NBR/PVC
 colour : black
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +100°C
 density : 195 Kg/m³ (+/- 25)
 hardness Shore 00 : 55 (+/- 5)
 hardness Shore A : ca. 10 - 15
 roll length (thickness 2-10 mm) : 10 meters

width	thickness	article code
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5	2	27400502
5	3	27400503
5	4	27400504
5	5	27400505
6	2	27400602
6	3	27400603
6	4	27400604
6	5	27400605
6	6	27400606
7	2	27400702
7	3	27400703
7	4	27400704
7	5	27400705
7	6	27400706
8	2	27400802
8	3	27400803
8	4	27400804
8	5	27400805
8	6	27400806
8	8	27400808
9	2	27400902
9	3	27400903
9	4	27400904
9	5	27400905
9	6	27400906
9	8	27400908
10	2	27401002
10	3	27401003
10	4	27401004
10	5	27401005
10	6	27401006
10	8	27401008
10	10	27401010

width	thickness	article code
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12	2	27401202
12	3	27401203
12	4	27401204
12	5	27401205
12	6	27401206
12	8	27401208
12	10	27401210
15	2	27401502
15	3	27401503
15	4	27401504
15	5	27401505
15	6	27401506
15	8	27401508
15	10	27401510
18	2	27401802
18	3	27401803
18	4	27401804
18	5	27401805
18	6	27401806
18	8	27401808
18	10	27401810
20	2	27402002
20	3	27402003
20	4	27402004
20	5	27402005
20	6	27402006
20	8	27402008
20	10	27402010
25	2	27402502
25	3	27402503
25	4	27402504
25	5	27402505
25	6	27402506
25	8	27402508
25	10	27402510



Self-adhesive NBR/PVC cellular rubber strips

quality : NBR/PVC
 colour : black
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -40°C to +100°C
 density : 195 Kg/m³ (+/- 25)
 hardness Shore 00 : 55 (+/- 5)
 hardness Shore A : ca. 10 - 15
 roll length (thickness 2-10 mm) : 10 meters

width	thickness	article code
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30	2	27403002
30	3	27403003
30	4	27403004
30	5	27403005
30	6	27403006
30	8	27403008
30	10	27403010

35	2	27403502
35	3	27403503
35	4	27403504
35	5	27403505
35	6	27403506
35	8	27403508
35	10	27403510

40	2	27404002
40	3	27404003
40	4	27404004
40	5	27404005
40	6	27404006
40	8	27404008
40	10	27404010

50	2	27405002
50	3	27405003
50	4	27405004
50	5	27405005
50	6	27405006
50	8	27405008
50	10	27405010

60	2	27406002
60	3	27406003
60	4	27406004
60	5	27406005
60	6	27406006
60	8	27406008
60	10	27406010

width	thickness	article code
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70	2	27407002
70	3	27407003
70	4	27407004
70	5	27407005
70	6	27407006
70	8	27407008
70	10	27407010

75	2	27407502
75	3	27407503
75	4	27407504
75	5	27407505
75	6	27407506
75	8	27407508
75	10	27407510

80	2	27408002
80	3	27408003
80	4	27408004
80	5	27408005
80	6	27408006
80	8	27408008
80	10	27408010

90	2	27409002
90	3	27409003
90	4	27409004
90	5	27409005
90	6	27409006
90	8	27409008
90	10	27409010

100	2	27410002
100	3	27410003
100	4	27410004
100	5	27410005
100	6	27410006
100	8	27410008
100	10	27410010

width	thickness	article code
150	2	27415002
150	3	27415003
150	4	27415004
150	5	27415005
150	6	27415006
150	8	27415008
150	10	27415010
200	2	27420002
200	3	27420003
200	4	27420004
200	5	27420005
200	6	27420006
200	8	27420008
200	10	27420010
250	2	27425002
250	3	27425003
250	4	27425004
250	5	27425005
250	6	27425006
250	8	27425008
250	10	27425010
300	2	27430002
300	3	27430003
300	4	27430004
300	5	27430005
300	6	27430006
300	8	27430008
300	10	27430010
400	2	27440002
400	3	27440003
400	4	27440004
400	5	27440005
400	6	27440006
400	8	27440008
400	10	27440010

width	thickness	article code
500	2	27450002
500	3	27450003
500	4	27450004
500	5	27450005
500	6	27450006
500	8	27450008
500	10	27450010
600	2	27460002
600	3	27460003
600	4	27460004
600	5	27460005
600	6	27460006
600	8	27460008
600	10	27460010
700	2	27470002
700	3	27470003
700	4	27470004
700	5	27470005
700	6	27470006
700	8	27470008
700	10	27470010
750	2	27475002
750	3	27475003
750	4	27475004
750	5	27475005
750	6	27475006
750	8	27475008
750	10	27475010



Silicone foam sheeting

colour : white
cellular structure : closed
execution : without adhesive
temperature range : -70°C to +200°C
density : 250 Kg/m³ (+/- 40)
hardness Shore 00 : 55 (+/- 5)
hardness Shore A : ca. 10

article code	thickness (mm)	width (mm)	length (mm)
29100002	2	1000	10000
29100003	3	1000	10000
29100004	4	1000	10000
29100005	5	1000	10000
29100006	6	1000	10000
29100008	8	1000	10000
29100010	10	1000	10000
29100012	12	1000	1000
29100015	15	1000	1000
29100020	20	1000	1000
29100025	25	1000	1000



Silicone foam sheeting with self-adhesive

colour : white
cellular structure : closed
execution : one side self-adhesive layer
temperature range : -70°C to +200°C
density : 250 Kg/m³ (+/- 40)
hardness Shore 00 : 55 (+/- 5)
hardness Shore A : ca. 10

article code	thickness (mm)	width (mm)	length (mm)
29110002	2	1000	10000
29110003	3	1000	10000
29110004	4	1000	10000
29110005	5	1000	10000
29110006	6	1000	10000
29110008	8	1000	10000
29110010	10	1000	10000



Silicone foam strip

colour : white
 cellular structure : closed
 execution : without adhesive
 temperature range : -70°C to +200°C
 density : 250 Kg/m³ (+/- 40)
 hardness Shore 00 : 55 (+/- 5)
 hardness Shore A : ca. 10
 roll length : 10 meters

width	thickness	article code
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5	2	29300502
5	3	29300503
5	4	29300504
5	5	29300505
6	2	29300602
6	3	29300603
6	4	29300604
6	5	29300605
6	6	29300606
7	2	29300702
7	3	29300702
7	4	29300702
7	5	29300702
7	6	29300702
8	2	29300802
8	3	29300803
8	4	29300804
8	5	29300805
8	6	29300806
8	8	29300808
9	2	29300902
9	3	29300903
9	4	29300904
9	5	29300905
9	6	29300906
9	8	29300908
10	2	29301002
10	3	29301003
10	4	29301004
10	5	29301005
10	6	29301006
10	8	29301008
10	10	29301010

width	thickness	article code
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12	2	29301202
12	3	29301203
12	4	29301204
12	5	29301205
12	6	29301206
12	8	29301208
12	10	29301210
15	2	29301502
15	3	29301503
15	4	29301504
15	5	29301505
15	6	29301506
15	8	29301508
15	10	29301510
18	2	29301802
18	3	29301803
18	4	29301804
18	5	29301805
18	6	29301806
18	8	29301808
18	10	29301810
20	2	29302002
20	3	29302003
20	4	29302004
20	5	29302005
20	6	29302006
20	8	29302008
20	10	29302010
25	2	29302502
25	3	29302503
25	4	29302504
25	5	29302505
25	6	29302506
25	8	29302508
25	10	29302510

width	thickness	article code
30	2	29303002
30	3	29303003
30	4	29303004
30	5	29303005
30	6	29303006
30	8	29303008
30	10	29303010
38	2	29303802
38	3	29303803
38	4	29303804
38	5	29303805
38	6	29303806
38	8	29303808
38	10	29303810
40	2	29304002
40	3	29304003
40	4	29304004
40	5	29304005
40	6	29304006
40	8	29304008
40	10	29304010
50	2	29305002
50	3	29305003
50	4	29305004
50	5	29305005
50	6	29305006
50	8	29305008
50	10	29305010
60	2	29306002
60	3	29306003
60	4	29306004
60	5	29306005
60	6	29306006
60	8	29306008
60	10	29306010
70	2	29307002
70	3	29307003
70	4	29307004
70	5	29307005
70	6	29307006
70	8	29307008
70	10	29307010

width	thickness	article code
75	2	29307502
75	3	29307503
75	4	29307504
75	5	29307505
75	6	29307506
75	8	29307508
75	10	29307510
80	2	29308002
80	3	29308003
80	4	29308004
80	5	29308005
80	6	29308006
80	8	29308008
80	10	29308010
90	2	29309002
90	3	29309003
90	4	29309004
90	5	29309005
90	6	29309006
90	8	29309008
90	10	29309010
100	2	29310002
100	3	29310003
100	4	29310004
100	5	29310005
100	6	29310006
100	8	29310008
100	10	29310010
150	2	29315002
150	3	29315003
150	4	29315004
150	5	29315005
150	6	29315006
150	8	29315008
150	10	29315010
200	2	29320002
200	3	29320003
200	4	29320004
200	5	29320005
200	6	29320006
200	8	29320008
200	10	29320010



Self-adhesive silicone foam strips

colour : white
 cellular structure : closed
 execution : one side self-adhesive layer
 temperature range : -70°C to +200°C
 density : 250 Kg/m³ (+/- 40)
 hardness Shore 00 : 55 (+/- 5)
 hardness Shore A : ca. 10
 roll length : 10 meters

width	thickness	article code
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5	2	29200502
5	3	29200503
5	4	29200504
5	5	29200505
6	2	29200602
6	3	29200603
6	4	29200604
6	5	29200605
6	6	29200606
7	2	29200702
7	3	29200703
7	4	29200704
7	5	29200705
7	6	29200706
8	2	29200802
8	3	29200803
8	4	29200804
8	5	29200805
8	6	29200806
8	8	29200808
9	2	29200902
9	3	29200903
9	4	29200904
9	5	29200905
9	6	29200906
9	8	29200908
10	2	29201002
10	3	29201003
10	4	29201004
10	5	29201005
10	6	29201006
10	8	29201008
10	10	29201010

width	thickness	article code
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12	2	29201202
12	3	29201203
12	4	29201204
12	5	29201205
12	6	29201206
12	8	29201208
12	10	29201210
15	2	29201502
15	3	29201503
15	4	29201504
15	5	29201505
15	6	29201506
15	8	29201508
15	10	29201510
18	2	29201802
18	3	29201803
18	4	29201804
18	5	29201805
18	6	29201806
18	8	29201808
18	10	29201810
20	2	29202002
20	3	29202003
20	4	29202004
20	5	29202005
20	6	29202006
20	8	29202008
20	10	29202010
25	2	29202502
25	3	29202503
25	4	29202504
25	5	29202505
25	6	29202506
25	8	29202508
25	10	29202510

width	thickness	article code
30	2	29203002
30	3	29203003
30	4	29203004
30	5	29203005
30	6	29203006
30	8	29203008
30	10	29203010
38	2	29203802
38	3	29203803
38	4	29203804
38	5	29203805
38	6	29203806
38	8	29203808
38	10	29203810
40	2	29204002
40	3	29204003
40	4	29204004
40	5	29204005
40	6	29204006
40	8	29204008
40	10	29204010
50	2	29205002
50	3	29205003
50	4	29205004
50	5	29205005
50	6	29205006
50	8	29205008
50	10	29205010
60	2	29206002
60	3	29206003
60	4	29206004
60	5	29206005
60	6	29206006
60	8	29206008
60	10	29206010
70	2	29207002
70	3	29207003
70	4	29207004
70	5	29207005
70	6	29207006
70	8	29207008
70	10	29207010

width	thickness	article code
75	2	29207502
75	3	29207503
75	4	29207504
75	5	29207505
75	6	29207506
75	8	29207508
75	10	29207510
80	2	29208002
80	3	29208003
80	4	29208004
80	5	29208005
80	6	29208006
80	8	29208008
80	10	29208010
90	2	29209002
90	3	29209003
90	4	29209004
90	5	29209005
90	6	29209006
90	8	29209008
90	10	29209010
100	2	29210002
100	3	29210003
100	4	29210004
100	5	29210005
100	6	29210006
100	8	29210008
100	10	29210010
150	2	29215002
150	3	29215003
150	4	29215004
150	5	29215005
150	6	29215006
150	8	29215008
150	10	29215010
200	2	29220002
200	3	29220003
200	4	29220004
200	5	29220005
200	6	29220006
200	8	29220008
200	10	29220010

Polyether foam sheeting

The polyether foam sheeting from VR Trade are primarily made of PU and are hence also called polyurethane foam sheeting. Polyether is light weight, synthetic, antiallergenic, mildew resistant, insulating and vibration damping. It has sound absorption properties and low water vapor transmission.

Applications:

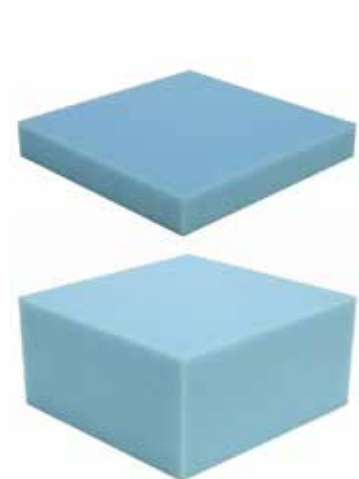
Furniture upholstery, mattresses, thermal insulation, packaging applications and soundproofing.



Polyether foam sheeting SG 25

quality : polyether foam sheeting
colour : grey
cellular structure : open
material : polyurethane
temperature range : -10°C to +70°C
density : 25 Kg/m³

article code	thickness (mm)	width (mm)	length (mm)
70002501	10	1200	2100
70002502	20	1200	2100
70002503	30	1200	2100
70002504	40	1200	2100
70002505	50	1200	2100
70002510	100	1200	2100

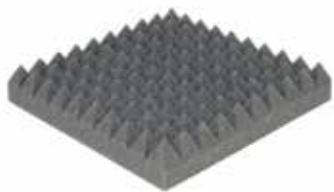


Polyether foam sheeting SG 35

quality : polyether foam sheeting
 colour : blue
 cellular structure : open
 material : polyurethane
 temperature range : -10°C to +70°C
 density : 35 Kg/m³

article code	thickness (mm)	width (mm)	length (mm)
70003501	10	1200	2100
70003502	20	1200	2100
70003503	30	1200	2100
70003504	40	1200	2100
70003505	50	1200	2100
70003510	100	1200	2100

Polyether foam sheeting, pyramid profiled SG25



quality : Polyether foam sheeting,
 one side pyramid profiled
 colour : grey
 cellular structure : open
 material : polyurethane
 temperature range : -10°C to +70°C
 density : 25 Kg/m³
 applications : Where high performance sound absorber is
 needed e.g. recording studios, conference
 rooms, garages, industrial applications.

article code	thickness (mm)	measurements (mm)
69002504	40	2000 x 1000
69002507	70	2000 x 1000

Polyether foam sheeting, pyramid profiled SG25 self-adhesive



quality : Polyether foam sheeting,
 one side pyramid profiled
 colour : grey
 cellular structure : open
 execution : one side self-adhesive layer
 material : polyurethane
 temperature range : -10°C to +70°C
 density : 25 Kg/m³
 applications : Where high performance sound absorber is
 needed e.g. recording studios, conference
 rooms, garages, industrial applications.

article code	thickness (mm)	measurements (mm)
69002505	40	1000 x 500
69002508	70	1000 x 500

Tekniske data

EPDM cellular rubber black

VR Trade carries EPDM cellular rubber on stock, with a closed cell structure, and is available as sheeting and strips or cut out products.

material properties	data	standard
cellular structure	closed	
curing agent	peroxide	
colour	black	
temperature range	-40°C / +95°C	
temperature intermittent	+130°C	
density	120 Kg/m ³ (+/- 20)	
hardness Shore 00	40 - 55	ASTM D 2240
hardness Shore A (**)	ca. 10 - 15	
thermal conductivity	0,0501 Wm-1K-1	ASTM C 518-04
elongation	min. 150%	ASTM D 412
tensile strength	4,5 kg/cm ² (450 kPa)	ASTM D 412
tear resistance	2,8 kg/cm (0,28 kN/m)	ASTM D 624
compression strength (at 25%)	0,35 kg/cm ² (35 kPa)	ASTM 1056/2000
compression strength (at 50%)	0,7 kg/cm ² (70 kPa)	ASTM 1056/2000
compression set 25% @ 22 hours	40%	ASTM D 395
compression set (30 mm) 25% @ 22 hours	20%	
fire classification	O.K.	FMVSS 302 - FIAT 50433
water absorption (3 min)	0,13%	ASTM D 1056
hydrochloric acid test (0,02%) 15 min @ 90 °C	max. shrinkage 3%	EN ISO 11195-2/05

Additional information:

For oil and grease resistant materials, please see our CR (neoprene) or NBR materials.

(*) The hardness of the cellular rubber materials is measured according to the Shore 00 standard.

(**) The mentioned data according to the Shore A specifications is only mentioned as a guide.

EPDM cellular grey

VR Trade carries EPDM cellular rubber on stock, with a closed cell structure, and is available as sheeting and strips or cut out products.

material properties	data	standard
material specification	RE 42/2A2	ASTM D 1056
cellular structure	closed	
curing agent	peroxide	
colour	grey (RAL 7033)	
temperature range	-40°C / +95°C	
temperature intermittent	+130°C	
density	120 Kg/m ³ (+/- 10)	
hardness Shore 00 (*)	40 (+/- 5)	ASTM D 2240
hardness Shore A (**)	ca. 10 - 15	
thermal conductivity	0,0501 Wm-1K-1	ASTM C 518-04
linear shrinkage after 22 hours @ 70°C	max. 5%	
elongation	min. 150%	ASTM D 412
tensile strength	4,5 kg/cm ² (450 kPa)	ASTM D 412
tear resistance	2,8 kg/cm (0,28 kN/m)	ASTM D 624
compression strength (at 25%)	0,35 kg/cm ² (35 kPa)	ASTM 1056/85
compression strength (at 50%)	0,7 kg/cm ² (70 kPa)	ASTM 1056/85
compression set 25% @ 22 hours	40%	ASTM D 395
compression set (30 mm) 25% @ 22 hours	20%	
water absorption	2%	ASTM D 1056

Additional information:

(*) The hardness of the cellular rubber materials is measured according to the Shore 00 standard.

(**) The mentioned data according to the Shore A specifications is only mentioned as a guide.

EPDM cellular rubber white

The EPDM cellular rubber has a closed-cell structure and is available in sheeting, strips or cut out products.

material properties	data	standard
material specification	RE 42/2A2	ASTM D 1056
cellular structure	closed	
curing agent	peroxide	
colour	white / beige	
temperature range	-40°C / +95°C	
temperature intermittent	+130°C	
density	120 Kg/m ³ (+/- 10)	
hardness Shore 00 (*)	40 (+/- 5)	ASTM D 2240
hardness Shore A (**)	ca. 10 - 15	
thermal conductivity	0,0501 Wm-1K-1	ASTM C 518-04
linear shrinkage after 22 hours @ 70 °C	max. 5%	
elongation	min. 150%	ASTM D 412
tensile strength	4,5 kg/cm ² (450 kPa)	ASTM D 412
tear resistance	2,8 kg/cm (0,28 kN/m)	ASTM D 624
compression strength (at 25%)	0,35 kg/cm ² (35 kPa)	ASTM 1056/85
compression strength (at 50%)	0,7 kg/cm ² (70 kPa)	ASTM 1056/85
compression set 25% @ 22 hours	40%	ASTM D 395
compression set (30 mm) 25% @ 22 hours	20%	
fire classification	O.K.	FMVSS 302 - FIAT 50433
water absorption	2%	ASTM D 1056

Additional information:








(*) The hardness of the cellular rubber materials is measured according to the Shore 00 standard.

(**) The mentioned data according to the Shore A specifications is only mentioned as a guide.

EPDM cellular rubber K-profile, self-adhesive

The extruded EPDM K-profile has a closed-cell structure and is equipped with a glass fibre self-adhesive layer.

material properties	data	standard
cellular structure	closed	
curing agent	peroxide	
colour	black	
temperature range	-50°C / +90°C	
temperature intermittent	+100°C	
density	350 Kg/m ³ (+/- 50)	ISO 2781A
hardness shore 00 (*)	ca. 45	
hardness shore A (**)	ca. 10	

thickness (mm)	width (mm)	cross section	colour	type	roll length (m)	compression 25%	compression 40%
2	8		black	4-top	225	219	240
4	9		black	3-top	125	273	533
5	10		black	4-top	100	321	636
6	10		black	3-top(H)	75	230	434
3	15		black	4-top	100	177	368
8	15		black	4-top	50	735	1400
4	20		black	4-top	50	273	533

Additional information:

Tolerances according to ISO 7715 Part 3 class E2





(*) Hardness of cellular rubber is measured according to the Shore 00 Specification

(**) The mentioned data according to the Shore A specification is only mentioned as a guide.

EPDM cellular rubber D-profile, self-adhesive

The extruded EPDM D-profile has a closed-cell structure and is equipped with a glass fibre self-adhesive layer

material properties	data	standard
cellular structure	closed	
curing agent	peroxide	
colour	black	
temperature range	-50°C / +90°C	
temperature intermittent	+100°C	
density	350 Kg/m ³ (+/- 50)	ISO 2781A
hardness shore 00 (*)	ca. 45	
hardness shore A (**)	ca. 10	

thickness (mm)	width (mm)	cross section	colour	type	roll length (mm)	compression 25%	compression 40%
6	8		black	D	100	69	119
10	12		black	D	2 X 35	130	175
18	10		black	D	25	150	205
20	20		black	D	25	200	265

Additional information:

Tolerances according to ISO 7715 Part 3 class E2




(*) Hardness of cellular rubber is measured according to the Shore 00 Specification

(**) The mentioned data according to the Shore A specification is only mentioned as a guide.

EPDM cellular rubber P-profile, self-adhesive

The extruded EPDM D-profile has a closed-cell structure and is equipped with a glass fibre self-adhesive layer.

material properties	data	standard
cellular structure	closed	
curing agent	peroxide	
colour	black, white and brown	
temperature range	-50°C / +90°C	
temperature intermittent	+100°C	
density	350 Kg/m ³ (-100 / +50)	ISO 2781A
hardness shore 00 (*)	ca. 45	
hardness shore A (**)	ca. 10	

thickness (mm)	width (mm)	cross section	colour	type	roll length (mm)	compression 25%	compression 40%
5,5	9		black	P	2 x 50	62	122
5,5	9		white	P	2 x 50	62	122
5,5	9		brown	P	2 x 50	62	122

Additional information:

Tolerances according to ISO 7715 Part 3 class E2

(*) Hardness of cellular rubber is measured according to the Shore 00 Specification

(**) The mentioned data according to the Shore A specification is only mentioned as a guide.

CR (Neoprene) cellular rubber

The CR (Neoprene) cellular rubber has a closed-cell structure and is available in sheeting, strips or cut out products.

material properties	data	standard
material specification	SCE 42-2C2 / SBE 42-2B2	ASTM D 1056
cellular structure	closed	
curing agent	peroxide	
colour	black	
temperature range	-40°C / +120°C	ASTM D 1056
density	150 Kg/m ³ (+/- 25)	ISO 845-88 / ASTM D 3575
hardness Shore 00 (*)	50 (+/- 5)	ASTM D 2240
hardness Shore A (**)	ca. 10 - 15	
thermal conductivity	0,0384 Wm-1K-1	ASTM C 518-04
linear shrinkage after 168 hours @ 70 °C	max. 4%	ASTM D 1204
elongation	min. 250%	ASTM D 412
tensile strength	11,50 kg/cm ² (1150 kPa)	ASTM D 412
tear resistance	4,3 kg/cm (0,43 kN/m)	ASTM D 624
compression strength (at 25%)	0,40 kg/cm ² (40 kPa)	ASTM 1056/85
compression set 50% @ 22 hours	25%	ASTM D 395
water absorption	2%	ASTM D 1056
immersion in oil IRM 903 (22 hours at 70°C)	-18.5%	ASTM D 471/98
extract test in solvents (cyclohexane acetone)	32.7%	VDA 675 125/92
aging resistant (air+UV)	good	
fire test (30 mm material)	O.K.	EN ISO 11195-2/05
fire classification	O.K. : HF1	UL 94 - HF1 van 2 t/m 8 mm
fire classification	O.K. : V0	UL 94 - VO van 10 t/m 40 mm

Additional information:

(*) The hardness of the cellular rubber materials is measured according to the Shore 00 standard.

(**) The mentioned data according to the Shore A specifications is only mentioned as a guide.

NBR (Nitrile) cellular rubber

The NBR/PVC cellular rubber has a closed-cell structure and is available in sheeting, strips or cut out products.

material properties	data	standard
material specification	SBE 42-43 / 2B2-2B3	ASTM D 1056
cellular structure	closed	
curing agent	peroxide	
colour	black	
temperature range	-40°C / +100°C	ASTM D 1056
density	195 Kg/m ³ (+/- 25)	ISO 845-88 / ASTM D 3575
hardness Shore 00 (*)	55 (+/- 5)	ASTM D 2240
hardness Shore A (**)	ca. 10 - 15	
linear shrinkage after 168 hours @ 70 °C	max. 4%	ASTM D 1204
elongation	min. 220%	ASTM D 412
tensile strength	13 kg/cm ² (1300 kPa)	ASTM D 412
tear resistance	4,2 kg/cm (0,42 kN/m)	ASTM D 624
compression strength (at 25%)	0,65 kg/cm ² (65 kPa)	ASTM 1056/85
compression set 50% @ 22 hours	15%	ASTM D 395
water absorption	2%	ASTM D 1056
immersion in oil 3 (22 hours @70 °C)	17,0%	ASTM D 471/98
aging resistant (air+UV)	good	
fire classification	O.K. : HF1	UL 94 - HF1

Additional information:

(*) The hardness of the cellular rubber materials is measured according to the Shore 00 standard.

(**) The mentioned data according to the Shore A specifications is only mentioned as a guide.

Silicone foam TYPE 522 - white

The silicone foam rubber has a closed-cell structure and is available in sheeting, strips or cut out products.

material properties	data	standard
cellular structure	closed	
curing agent	peroxide	
colour	white / crème	
temperature range	-70°C / +200°C	
temperature intermittent	+260°C	
density (*)	250 Kg/m ³ (+/- 40)	
hardness Shore 00 (**)	55 (+/- 5)	ASTM D 2240
hardness Shore A (***)	ca. 10	
thermal conductivity	6,4 x 10 ⁻² Wm ⁻¹ K ⁻¹	ASTM C 518
compression strength (at 40%) (****)	90 kPa (+/- 40)	ASTM 1056/2000
elongation	min. 150%	ASTM D 412
tensile strength	min. 0,75 N/mm ²	ASTM D 412
compression set 22 hours	max. 15%	
resistance to radiation (as expected)	min. 10+5 GRAYS (10+7 RADS) As expected	
fire classification	O.K.	FMVSS 302 (SE) - HBF (UL94)

Additional information:

For FDA approved sheeting, please contact our technical department.

High temperature materials are available on request. (From +270°C/ peak temperature 300°)

(*) The density is measured on a 25mm diameter cord.

(**) The hardness of the cellular rubber materials is measured according to the Shore 00 standard.

(***) The mentioned data according to the Shore A specifications is only mentioned as a guide.

(****) The compression strength is measured on material 25 mm thick.

Polyether foam sheet SG 25 - grey

material properties	data	standard
material	Polyurethane foam	DR 7930 / T2437
cellular structure	open	
colour	grey	
temperature range	25 kg/m ³	
net density	22 kg/m ³	
compression stress	3,7 kPa (0,0037 N/mm ²)	ISO 3386 (40%) / DIN 53577
tensile strength	120 kPa (0,12 N/mm ²)	ISO 1798
elongation at break	200%	ISO 1798
compression set 75%	4%	ISO 1856/A (22 hours at 70 °C)
temperature range (constant)	-10°C / +70°C	

Polyether foam sheet SG 25 - blue

material properties	data	standard
material	polyurethane foam	DR 9030 / T3545
cellular structure	Open	
colour	Light blue	
gross (spatial) density	35 kg/m ³	
net density	33 kg/m ³	
compression stress	4,5 kPa (0,0045 N/mm ²)	ISO 3386 (40%) / DIN 53577
tensile strength	110 kPa (0,11 N/mm ²)	ISO 1798
elongation at break	150%	ISO 1798
compression set 75%	5%	ISO 1856/A (22 hours at 70 °C)
temperature range (constant)	-10°C / +70°C	