



## SAMSON INTERNATIONAL PLC.

### Corporate Office:

No. 110, Kumaran Rathnam Road, Colombo 02, Sri Lanka.  
Tel : +94 11 2320978 / 9, 4728800 Fax : +94 11 2440890, 4728801  
E-mail : [lalithj@dsisamson.com](mailto:lalithj@dsisamson.com) Web : [www.samsonint.com](http://www.samsonint.com)

### Factory :

Akuressa Road, Bogahagoda, Galle, Sri Lanka.  
Tel : +94 91 4933945/6/7, 3783783 Fax : +94 91 2224036  
E-mail : [info@samsonint.com](mailto:info@samsonint.com) Web : [www.samsonint.com](http://www.samsonint.com)





**RUBBER PROFILES**



# Company Profile



<b>Name</b>	Samson International PLC																	
<b>Legal Form</b>	A Private Limited Company Incorporated in Year 1988 Converted as Public Quoted with Limited Liability Company in 1992																	
<b>Company Registration No.</b>	PQ 192																	
<b>Corporate Office</b>	No. 110, Kumaran Rathnam Road, Colombo 02, Sri Lanka Tel : +94-11-232 0978, +94-11-472 8800 E Mail : info@dsisamson.com Fax : +94-11-244 0890 Web : www.dsi.lk																	
<b>Factory Location</b>	Akuressa Road, Bogahagoda, Galle, Sri Lanka Tel : +94-91-4933945/ 6/ 7, +94-91-3783783 E Mail : info@samsonint.com Fax : +94-91-2224036 Web : www.samsonint.com																	
<b>No of Employees</b>	300																	
<b>Contact Person</b>	Director Marketing - Mr. Lalith Jayawardena - lalithj@dsisamson.com Manager - Export - Mr. Navindra Kumara - navindrak@samsonint.com Export Executive - Mr. Sanjeewa Weerakkodi - sanjeevaw@samsonint.com																	
<b>Present Annual Capacity</b>	Rubber MT 3,250																	
<b>Products</b>	<table border="0"> <tr> <td>Natural Rubber Hot Water Bottle</td> <td>Rubber Bath Mat</td> </tr> <tr> <td>Power Web (Exercise web) &amp; Exercise Bars</td> <td>Rubber Bands</td> </tr> <tr> <td>Rubber Floorings (Floor Mats)</td> <td>Truck Mud Flaps</td> </tr> <tr> <td>Rubber Mats - Industrial, Sports &amp; Domestic Type</td> <td>Road Humps (Speed Humps)</td> </tr> <tr> <td>Extruded Rubber Profiles and Beadings</td> <td>Rubber Dock Bumpers</td> </tr> <tr> <td>Jar Sealing Rings, Can Sealing &amp; Bottle caps</td> <td>Rubber Washers &amp; Gaskets</td> </tr> <tr> <td>Garden Hose, irrigation Hose &amp; Industrial Hoses</td> <td>Automotive Rubber Products</td> </tr> <tr> <td>Technical / Industrial Rubber Products</td> <td>Customized Rubber Products</td> </tr> </table>		Natural Rubber Hot Water Bottle	Rubber Bath Mat	Power Web (Exercise web) & Exercise Bars	Rubber Bands	Rubber Floorings (Floor Mats)	Truck Mud Flaps	Rubber Mats - Industrial, Sports & Domestic Type	Road Humps (Speed Humps)	Extruded Rubber Profiles and Beadings	Rubber Dock Bumpers	Jar Sealing Rings, Can Sealing & Bottle caps	Rubber Washers & Gaskets	Garden Hose, irrigation Hose & Industrial Hoses	Automotive Rubber Products	Technical / Industrial Rubber Products	Customized Rubber Products
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<b>Special Achievements</b>	<table border="0"> <tr> <td>Export Awards 2011-Gold Award</td> <td>Export Awards 2010-Silver Award</td> </tr> <tr> <td>Export Awards 2007-Silver Award</td> <td>Export Awards 2006-Silver Award</td> </tr> <tr> <td>Export Awards 2005-Bronz Award</td> <td>Export Awards 2004-Silver Award</td> </tr> <tr> <td>Export Awards 2003-Silver Award</td> <td>Export Awards 2002-Silver Award</td> </tr> <tr> <td>Organized by National Chamber of Exporters of Sri Lanka</td> <td></td> </tr> <tr> <td>Sri Lanka Entrepreneur of the year 2000 - Provincial Bronze Award</td> <td></td> </tr> <tr> <td>Organized by Federation of Chambers of Commerce &amp; Industry of Sri Lanka</td> <td></td> </tr> </table>		Export Awards 2011-Gold Award	Export Awards 2010-Silver Award	Export Awards 2007-Silver Award	Export Awards 2006-Silver Award	Export Awards 2005-Bronz Award	Export Awards 2004-Silver Award	Export Awards 2003-Silver Award	Export Awards 2002-Silver Award	Organized by National Chamber of Exporters of Sri Lanka		Sri Lanka Entrepreneur of the year 2000 - Provincial Bronze Award		Organized by Federation of Chambers of Commerce & Industry of Sri Lanka			
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Organized by Federation of Chambers of Commerce & Industry of Sri Lanka																		
<b>Trade Affiliations</b>	Member Company of DSI Samson Group Sanger GMBH, Germany																	
<b>Membership in Association</b>	Member of National Chamber of Exporters of Sri Lanka Member of Ceylon National Chamber of Industries of Sri Lanka Member of Ceylon Chamber of Commerce of Sri Lanka																	
<b>Bankers</b>	Bank of Ceylon PLC	Hatton National Bank PLC																
<b>Quality Certification</b>	ISO 9001 : 2008 Quality Management System British Standard (BS 1970:2006) TUV Certification FSC Certification																	



A member of  
**DSI Samson group**



# Extruded Rubber Components



SIL manufacturing facilities are equipped with sophisticated technologies to manufacture solid rubber profiles, sponge rubber profiles, co-extruded profiles, flocked profiles, and vast range of other extruded profiles need for various industries.



Basic compounds, consisting of EPDM, Nitrile, Neoprene, SBR, Natural Rubber and various other raw materials are used in manufacturing these profiles. Automotive Sealing Profiles are vastly made out of EPDM to comply with ozone-resistant, cold-resistant, heat-resistant, flex-crack resistant and to maintain excellent appearance.

Technical drawings of the products in this catalog, are not in uniform scale. All measurements are in mm if not mentioned otherwise. Tolerance of hardness:  $\pm 5^\circ$  Shore A.

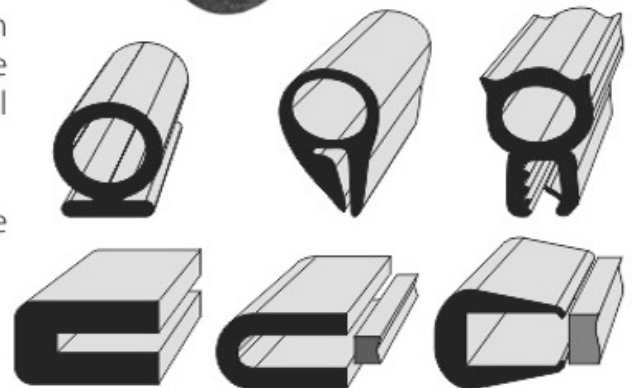
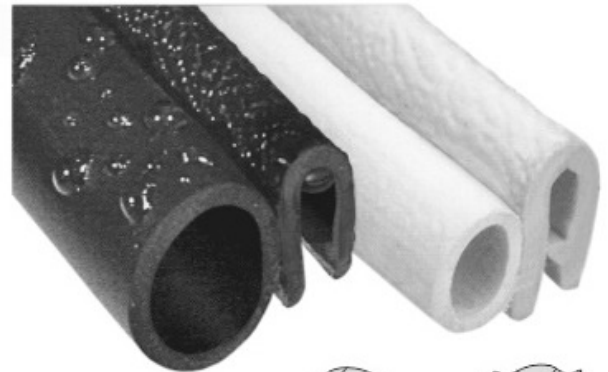
## Door / Edge Trims

Door / edge trims provide perfect sealing from the external environment; avoiding any rattling noise without compromising on the cushioning required during the operation of the doors.

Hence the nature of the application results to wear and tear the components.

Thus the factors like sponge levels, relaxed modulus, compression set, ageing properties and other related parameters have to be delicately balanced and stringently monitored to provide optimal product characteristics.

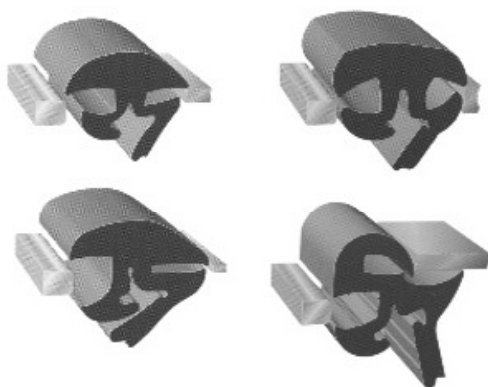
High end EPDM compounds are used to manufacture these components, ensuring the specified features and properties.



## Wind Shield Seals

Wind shield seals/ beadings are the most vital components used in the sealing system in all types of automobiles. Considering this significance, high end EPDM compounds are used to manufacture these components.

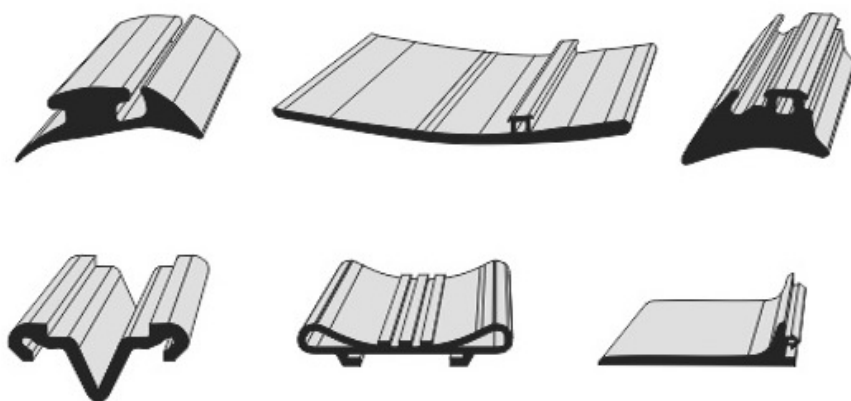
Regular testing is conducted to maintain the desired ozone resistance and ageing properties.

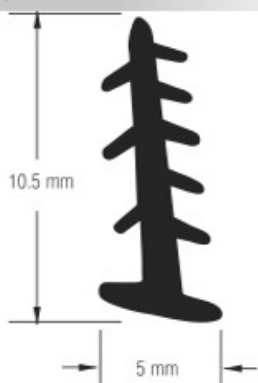


## Glazing Profiles

Glazing profiles are vastly used in busses, trains, passenger coaches and other similar vehicles. They are placed between the window and the main body, the door and the main body and in similar other applications, providing perfect sealing required, avoiding any rattling noise and also to provide optimal protection from dust, water and other irritants in the external environment.

EPDM compounds, with ozone resistance capabilities, are used in manufacturing these components.

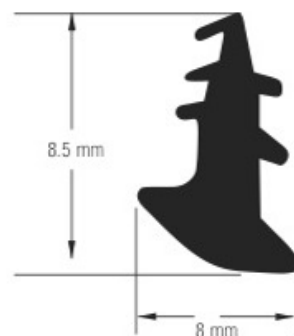


**AB-001**


Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 7.6 kg/roll

**AB-002**

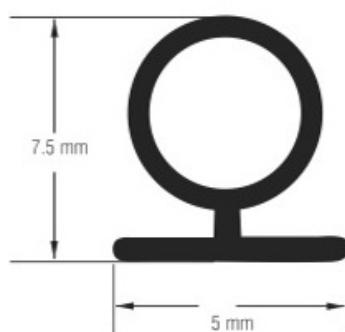

Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 210 m  
 Weight 8.3 kg/roll

**AB-003**


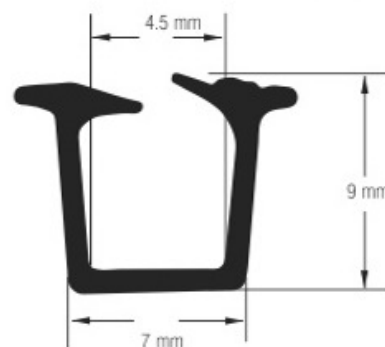
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 9.0 kg/roll

**AB-004**


Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 14.6 kg/roll

**AB-005**


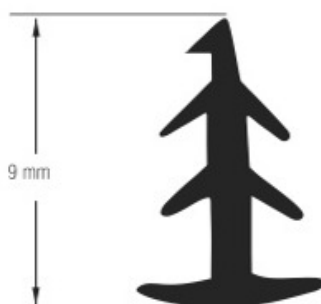
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 8.3 kg/roll

**AB-006**


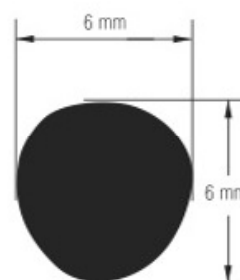
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 11.1 kg/roll

**AB-007**


Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 9 kg/roll

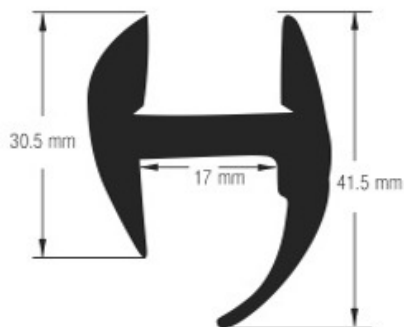
**AB-008**


Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 8.6 kg/roll

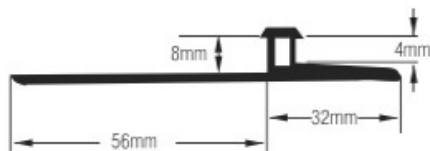
**BR-001**


Material EPDM, Black  
 Hardness 39° Shore A  
 Roll Length 100 m  
 Weight 4.5 kg/roll

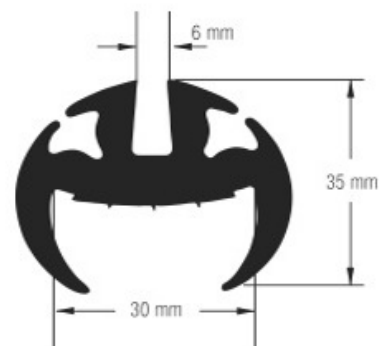


**BB-001**


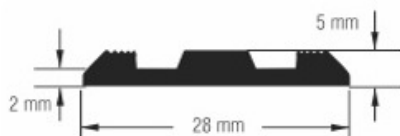
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 17.8 kg/roll

**BB-003**


Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 10.4 kg/roll

**BB-004**


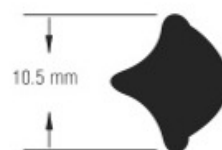
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 23.6 kg/roll

**EB-001**


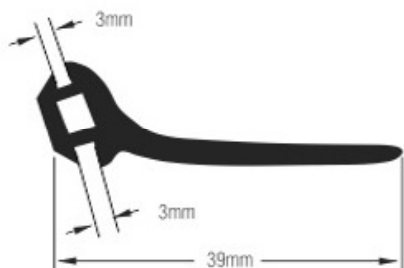
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 7.8 kg/roll

**EB-002**

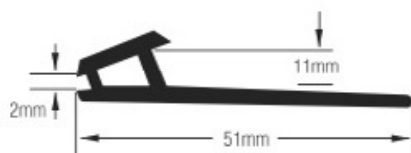

Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 20.6 kg/roll

**LB-001**


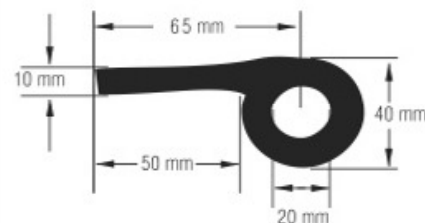
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 210 m  
 Weight 11.8 kg/roll

**GP-001**


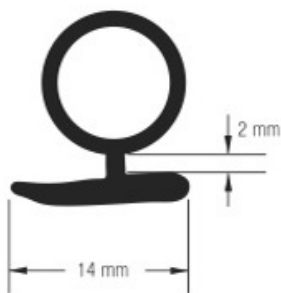
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 10.6 kg/roll

**GP-002**


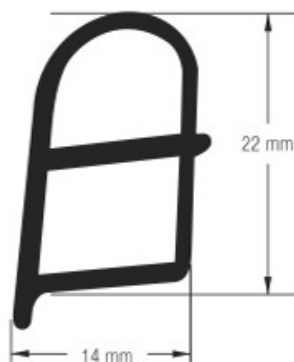
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 9.2 kg/roll

**PB-001**


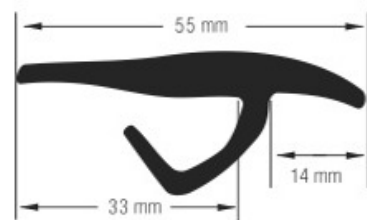
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 2.5 m  
 Weight 4.9 kg/roll

**OB-001**


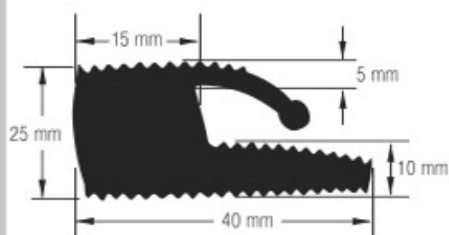
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 210 m  
 Weight 37.1 kg/roll

**OB-004**


Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 5.9 kg/roll

**OB-010**


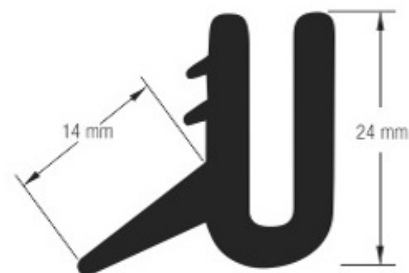
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 11.8 kg/roll

**OB-016**


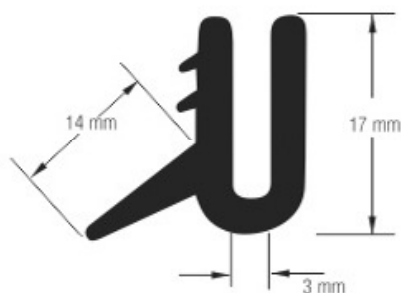
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 100 m  
 Weight 88.0 kg/roll

**UB-001**

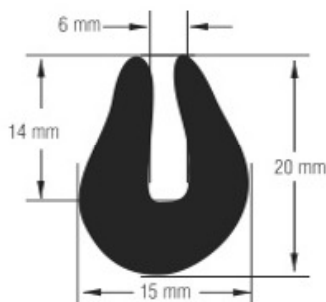

Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 10.6 kg/roll

**UB-002**


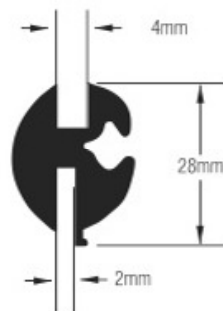
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 14.9 kg/roll

**UB-003**


Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 10.9 kg/roll

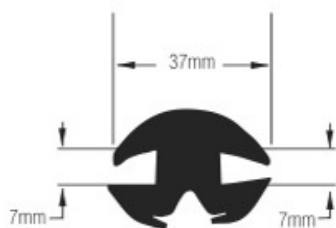
**UB -004**


Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 21.0 kg/roll

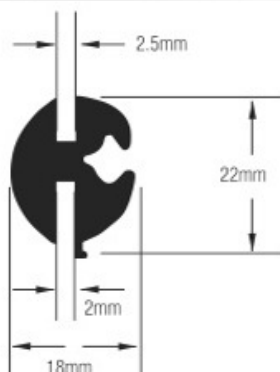
**WB-001**


Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 13.6 kg/roll

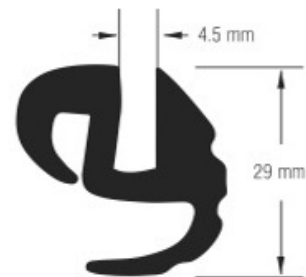


**WB-002**


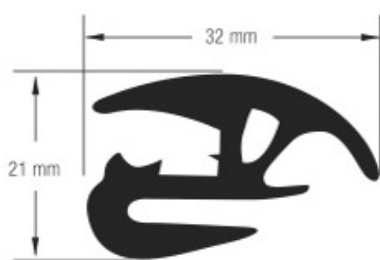
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 23.1 kg/roll

**WB-003**


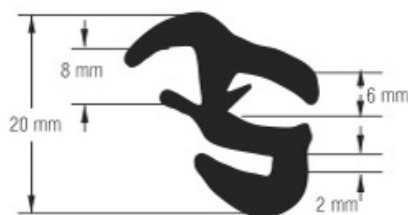
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 11.6 kg/roll

**WB-004**


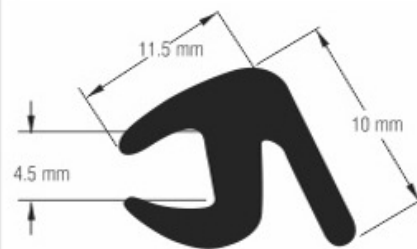
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 30 m  
 Weight 11.6 kg/roll

**WB-005**


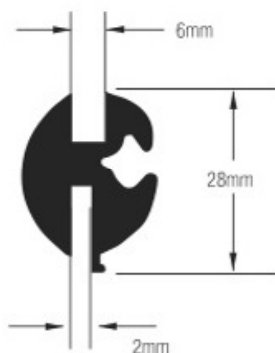
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 12.6 kg/roll

**WB-006**


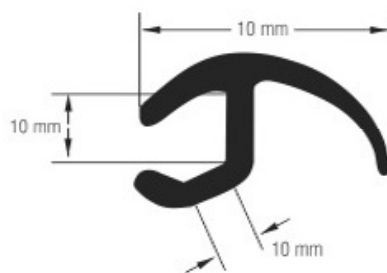
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 12.6 kg/roll

**WB-008**


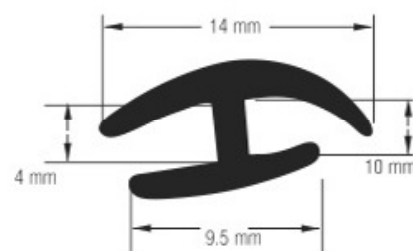
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 210 m  
 Weight 18.1 kg/roll

**WB-009**


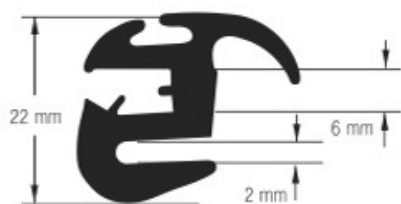
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 13.6 kg/roll

**WB-011**


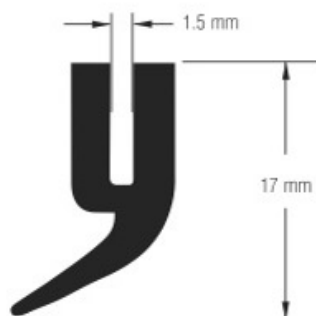
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 210 m  
 Weight 23.0 kg/roll

**WB-012**


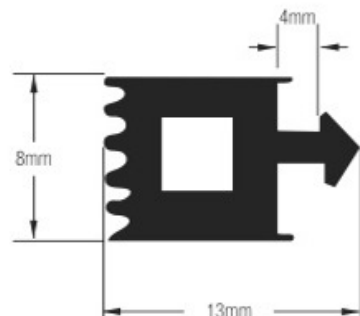
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 210 m  
 Weight 17.4 kg/roll

**WB-013**


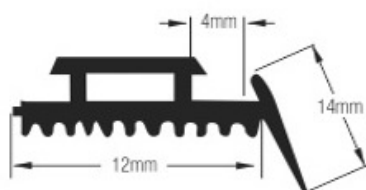
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 12.6 kg/roll

**WB-014**


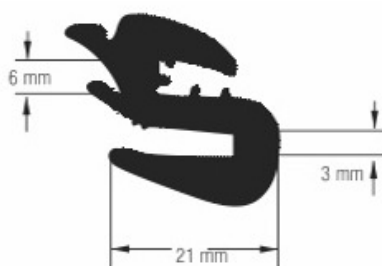
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 60 m  
 Weight 8.9 kg/roll

**WB-015**


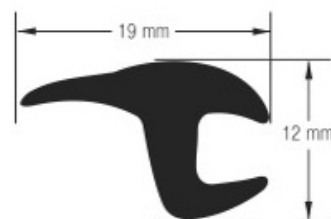
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 180 m  
 Weight 17.8 kg/roll

**WB-016**


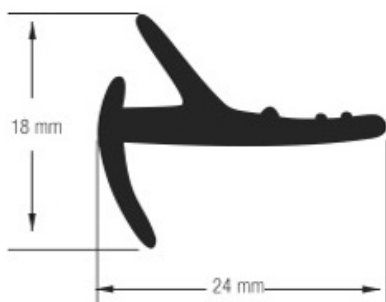
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 150 m  
 Weight 13.5 kg/roll

**WB-017**


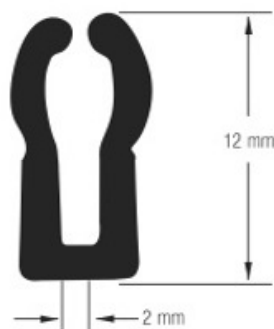
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 30 m  
 Weight 12.9 kg/roll

**WB-021**


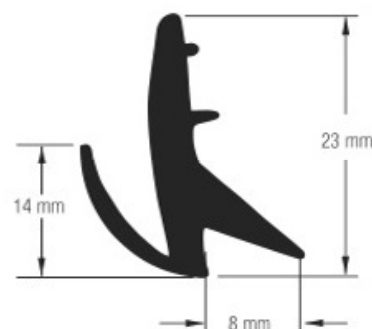
Material EPDM, Black  
 Hardness 75° Shore A  
 Roll Length 100 m  
 Weight 9.9 kg/roll

**WS-003**


Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 31.1 kg/roll

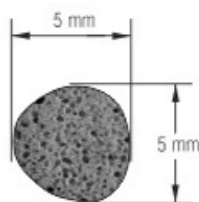
**WS-005**


Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 60 m  
 Weight 7.8 kg/roll

**WS-006**


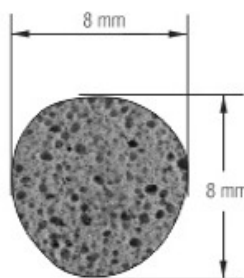
Material EPDM, Black  
 Hardness 70° Shore A  
 Roll Length 210 m  
 Weight 42.6 kg/roll

### RSA-005



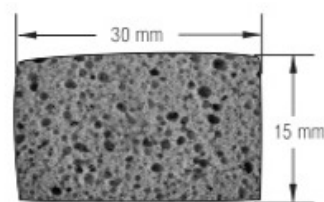
Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 50 m

### RSA-008



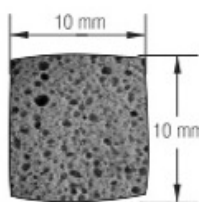
Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 50 m

### RSA-029



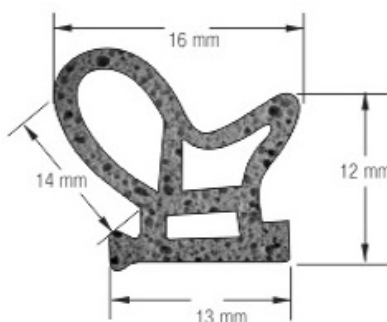
Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 50 m

### SSA-027



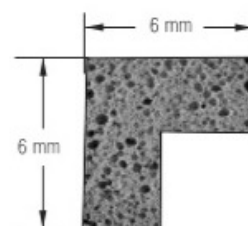
Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 50 m

### SP-001



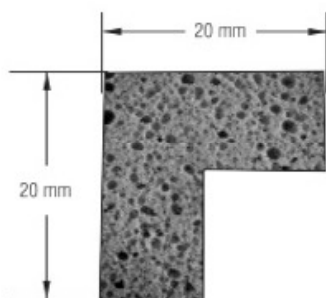
Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 210 m  
 Weight 25.8 kg/roll

### OB-019



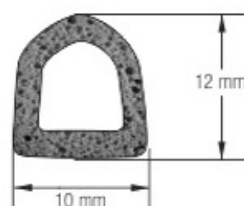
Material NR/EPDM, Black/Grey  
 Hardness 25° Shore A  
 Roll Length 50 m

### OB-020



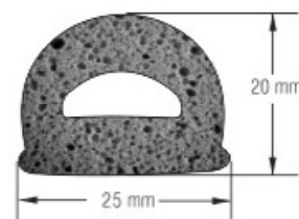
Material NR/EPDM, Black/Grey  
 Hardness 25° Shore A  
 Roll Length 50 m

### DSA-029



Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 50 m

### DSA-030



Material NR/EPDM, Black  
 Hardness 25° Shore A  
 Roll Length 50 m



# Other Products

- Rubber Hot Water Bottles
- Flex Bars & Power Webs
- Rubber Beadings & Profiles
- Trucking Industry Accessories (Mud Flaps, D-Bumpers, Truck Strings etc.)
- Garden & Irrigation Hoses
- Air Hoses, Heater Hoses & Fuel Hoses
- Rubber Floorings
- All kinds of Rubber Bands, Rings, Gaskets etc.
- Household Rubber Items (Sink Cleaners, Door Wedges, Door Stoppers etc.)
- Solid Tires
- Rubber / Health Slippers ...Any sort of customer tailor made Rubber Products



## Typical Properties of Common Elastomers (Rubber Compounds)

Common Name(s)	Designation	General Properties	General Chemical Resistance	
			Resistant to:	Attacked by:
Neoprene	CR	Good Weathering Resistance. Flame retarding. Moderate resistance to petroleum-based fluids.	Moderate chemicals and acids, ozone, oils, fats, greases, many oils, and solvents.	Strong oxidizing acids, esters, ketones, chlorinated, aromatic and nitro hydrocarbons.
EPDM	EPDM, EPM	Excellent ozone, chemical, and aging resistance. Poor resistance to petroleum-based fluids.	Animal and vegetable oils, ozone, strong and oxidizing chemicals.	Mineral oils and solvents, aromatic hydrocarbons.
Buna-N	NBR	Excellent resistance to petroleum-based fluids. Good physical properties.	Many hydrocarbons, fats, oils, greases, hydraulic fluids, chemicals.	Ozone (except PVC blends), ketones, esters, aldehydes, chlorinated and nitro hydrocarbons.
Silicone	Q, Si	Excellent high and low temperature properties. Fair physical properties.	Moderate or oxidizing chemicals, ozone, concentrated sodium hydroxide.	Many solvents, oils, concentrated acids, dilute sodium hydroxide.
SBR	SBR	Good physical properties and abrasion resistance. Poor resistance to petroleum-based fluids.	Most moderate chemicals, wet or dry, organic acids, alcohols, ketones, aldehydes.	Ozone, strong acids, fats, oils, greases, most hydrocarbons.
Butyl	IIR	Very good weathering resistance. Excellent dielectric properties. Low permeability to air. Good physical properties. Poor resistance to petroleum-based fluids.	Animal and vegetable fats, oils, greases, ozone, strong and oxidizing chemicals.	Petroleum, solvents, coal tar solvents, aromatic hydrocarbons.
Natural, Gum Rubber	NR	Excellent physical properties including abrasion and low temperature resistance. Poor resistance to petroleum-based fluids.	Most moderate chemicals, wet or dry, organic acids, alcohols, ketones, aldehydes.	Ozone, strong acids, fats, oils, greases, most hydrocarbons.