

## Easy Gasket

**Bardahl Easy Gasket** is a 1-component, fast gasket of very high quality. It is easy to work with and replaces all kinds of gaskets.

### Applications

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Passenger cars, trucks, caravans, boats: Gearboxes, water pumps, valve covers, wheelhouses, crankcases. Protects against leakage and simplifies the assembly of water hoses. It can be used to replace gaskets or as sealing rubber.

Electronics: Protects switchers, sockets, ignition systems, cable ducts, lamp housings, control cabinets, etc., against moisture.

### Properties

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**Bardahl Easy Gasket** is non-conductive and resistant to high temperatures (50°C - 260°C). Excellent resistance to extreme weather influences, brake fluids, mineral oils, and greases. High viscosity and low drying time. Ait adheres very well to rubber, metal, wood, glass, ceramics, and many types of plastic. It does not sink on vertical and horizontal surfaces.- It Evens out blemishes.

### Manual

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Clean and grease-free surface. Apply Easy Gasket to the parts to be assembled and then merge both parts. After a short time (30-40min), the final assembly can take place. Do not use it for cylinder heads and exhaust manifolds. Constant contact with gasoline should be avoided.

To clean and grease the substrate, **use Bardahl Body Sol artnr 77751**. If parts need to be disassembled more often, it is better to clean one side and put a little oil or grease on the other side, thus preventing too strong adhesion.

First, roughen soft surfaces (rubber) with sandpaper and then degrease.

### Curing and drying time

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The curing goes from the outside in and is affected by heat and moisture. For example, at a relative humidity of 60%, a non-adhesive layer is formed after about 20 minutes.22°C

Complete curing depends on the applied layer thickness and is achieved after 24 to 72 hours. When drying, acetic acid is released; this becomes less and less during the drying time.

In the case of metal-on-metal line connections, the parts must not overlap more than 25mm. Otherwise, the product cannot be fully cured.

Excess gasket material can be easily removed with a dry cloth.

## Applications Automotive industry

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- Valve cover
- Crankcase cover
- Differential housing
- Water- and dust-resistant seals (on glass and metal)
- Sliding/tilting roofs
- Side mirror base
- Flywheel housing
- Gearbox
- Headlight, rear light, and clignotator units
- Water pump
- Wheelhouse
- Thermostat
- Cardan

## Other applications

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- **Trailer bodies**  
Sealing between light metal and other metal parts.
- **Motorcycles:**  
Sealing the alternator cover.
- **Navigation:**  
Connections and rebates between fiberglass fiber metal.  
Connections and rebates between plexiglass and metal.  
Sealing of cabins and windows.
- **Electrical installation of plugs** (this product is non-conductive)
- **Windscreens:**  
Sealing of alloy profiles and rails (drawers, display cases)
- **Delivery and camper vans**  
Sealing roof-mounted air conditioning systems, imperials, vent hatches, sockets, and other accessories require a seal.

**Attaches to moldings, to extra applied moldings on metal, textiles, and skai.  
Non-adhesive protective agent.**

## Additional information

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- Do not use to replace gaskets for the cylinder head and exhaust manifold.
- Prolonged contact with gasoline should be avoided.
- Keep cool: under .20°C
- Storage period: 1 year.
- It simplifies the assembly of water hoses.
- Can also be used as an additional seal or for gluing a connection.
- Can also be used as an insulation seal of electrical parts.

**Analysis data**

Test			Results
Category	Method	Unit	Easy Gasket
Characteristic			elastic
Density at 23°C	DIN 53479	g/cm <sup>3</sup>	1,24
Skin-forming time at 50% r.h.23°C		minus	10-20
Consistency			does not slip
Elongation at break	DIN 53504, S3A	%	300
Hardness Shore A	DIN 53505		36
Temperature resistance	short-term or 300°C	°C	-50 - +260
Modulus of elongation at 100% elongation	DIN 53504, S3A	N/mm <sup>2</sup>	0,8
Shrinkage during vulcanization	DIN 52451	%	4
Colour			black or red (on request)
Solvent contents			None.
Ignition temperature	DIN 51794	°C	+460
Tensile strength	DIN 53504, S3A	N/mm <sup>2</sup>	3.0
Tear resistance	ASTM D 624, Form B 60 bar	N/mm <sup>2</sup>	
Dielectric strength	DIN 53481	kV/mm	21
Tracking resistance	DIN 53480		ka3c

**Background information & Compatibility**

— **Assessment**

- 1 = excellent, less than 10% volume increase
- 2 = good, 10-25% volume change
- 3 = reasonable, 25-75% volume change
- 4 = bad, more than 75% volume change
- 5 = is affected, disintegrates

— Acids

Category	Digit
Citric acid	1
Hydrochloric acid, 3% and concentrated	1
Hydrofluoric hydrogen	5
Phosphoric acid, diluted	1
Sulfuric acid, 10%	1
Sulphuric acid, concentrated	5
Nitric acid, 7% and concentrated	1-2
Acetic acid 5% and concentrated	1

— Bases

Category	Digit
Ammonia solution, 10%	1
Ammonia solution, concentrated	1
Potassium hydroxide	1
Sodium hydroxide, 5%, and 50%	1

— Inorganic Chemicals

Category	Digit
Ammonia, anhydrous	1
Sodium Chloride, 10%	1
Hydrogen Peroxide, 3%	1
Sodium Carbonate, 20%	1
Water / Water 70 hours at 100°C	1

**Article number** 77101  
**Content** 100 ml

**Article number** 77102  
**Content** 200 ml

— Organic Chemicals

Category	Digit
Detergents	1
Freon 12	2
Freon 114	3
Methyl Chloride	3
Tricresyl Phosphate	1

— Hydraulic Fluids

Category	Digit
Hollingshead, H-2	1
Hollingshead, H-2, 70 hours at 100°C	2
Skydrol 500	3
Skydrol 8000 also after 70 hours at 100°C	1
Silicate based	3

— Lian

Category	Digit
ASTM#10.1aliphatic, 70 hours at 150°C	1
ASTM#30.1 aromatic, 70 hours at 150°C	3
Castor 0.1	1
Diester oils	2
Linseed oil / Mineral oils	1
Silicone oil also after 70 hours at 150°C	3

— Solvents

Category	Digit
Acetone	3
Butyl alcohol	2
Carbon tetrachloride	4
Diacetone alcohol	1
Ethyl alcohol	1
Petrol	4
Airplane Fuel	3
Boiling point gasoline	4
Toluene	4