



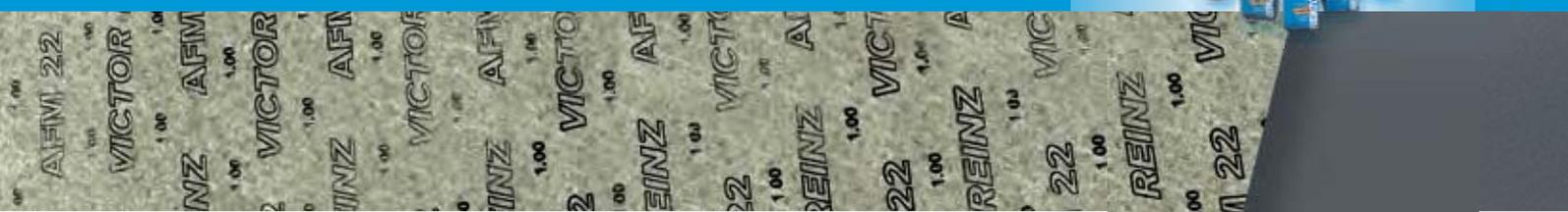
**VICTOR REINZ®**

Sealing Products



**Just seal it!**

Liquid sealing compounds, repair kits and gasket materials





VICTOR REINZ  
**RE-MOVE**

VICTOR REINZ  
**REINZOSIL**

VICTOR REINZ  
**REINZOSIL**

VICTOR REINZ  
**REINZOPLAST**

## Victor Reinz® – the best way to get a good gasket

As an original equipment manufacturer and replacement part supplier, Dana delivers innovative sealing technologies of the highest quality under the brand name Victor Reinz®. All spare parts in the comprehensive product range meet the high standards of OEM quality.

Almost all known brands and models of automobile manufacturers worldwide are equipped with professional sealings solutions from Dana in the areas of engine and exhaust. The company belongs to the top suppliers of the

large buying groups in terms of availability and supply.

Dana's partners can rely on getting the best service. That includes not only individual advice, but also fast delivery of the desired parts. Highly dedicated employees fulfill the customer's needs with great innovative power, concentrated expertise, and, above all, constant passion.

The Dana Holding Corporation, headquartered in the USA, is the world's leading provider of axles,

shaft drives, off-highway transmissions, sealing and thermal management products, and original replacement parts. Under the name Power Technologies Group, the group pools its competencies in the area of sealing technology. Dana currently has around 21,500 employees on five continents worldwide.

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## Sealing Compounds



## Easy decision:

# the »Big Duo« of sealing compounds is all you'll ever need

It couldn't be quicker or simpler – Just seal it!

There's never an ordinary day in the workshop without a job that needs sealing. But it's all a lot simpler with Victor Reinz®!

Because while other manufacturers weigh you down with six, eight or even ten different sealants, with Victor Reinz® all you need is the »Big Duo«.

Because they're all the sealing compounds you'll ever need!

## 3 options, 1 result Simpler and faster sealing

Choose from one of three methods to find the fastest and safest way of using the right sealant. The enclosed 'how to use'

poster shows the three selection criteria that help you decide between **REINZOSIL** and **REINZOPLAST**. Whichever deci-

sion is the right one for you, one thing is certain – with this duo you can confidently tackle any sealing job!



### → Option 1 – the feeler gauge and the gap to be sealed

The solution for the professional. The feeler gauge tells you what you need. For gaps of up to 0.14 mm between the two sealing surfaces, **REINZOPLAST** is the right choice. For larger gaps ( $\geq 0.15$  mm) **REINZOSIL** seals quickly and reliably.



### → Option 2 – the properties

If you prefer to make your decision based on temperature, the durability of the medium, or drying times, then the 'Properties' overview is the right tool for you. It shows you in detail all the technical properties of **REINZOSIL** and **REINZOPLAST**.



### → Option 3 – the applications from A to W

This full overview, with everything from A for automatic gearbox to W for water pump, shows you whether **REINZOSIL** or **REINZOPLAST** is the right sealant for your job. Quickly, clearly, and comprehensively.



# REINZOSIL

Extremely high stability at high temperatures



### Description

Solvent-free, permanently elastic, fast-hardening silicon sealing compound for sealing flat surfaces where there is a sealing gap (can also be applied to assembled components).

### Features

- High thermal stability from -50 °C to +300 °C (brief peak temperature)
- Very good durability against internal combustion fuels and diesel fuels, bio-diesel, oil, grease, lubricants, water, seawater, sunlight and ozone
- Easy to position and shape
- Easy to apply
- Precise positioning, down to the last millimetre
- Goes on evenly
- Container empties completely, no waste
- Protective cap prevents nozzle from blocking up
- Prevents corrosion of the sealing surfaces

- Acid-free hardening means no damage to synthetic parts, electrical components, etc.
- Hardens faster than other silicon sealing compounds
- No identifying marks
- Odourless
- Can be used on vertical and overhead surfaces

### Application areas

Particularly intended for sealing all surfaces in engines, gearboxes, and axles, and also for cylinder liners and synthetic housings. Very suitable for uneven and rough surfaces. All-purpose application for use with all makes of engines and vehicles.



Individual form	REINZ No.	Packaged quantity
Tube 70 ml	70-31414-10	25 tubes in counter display box
Pressurized dispenser 200 ml	70-31414-20	10 dispensers in white covering box



### Technical Datasheet REINZOSIL

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

### Safety Datasheet REINZOSIL

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

# REINZOSIL-t

The transparent version of REINZOSIL



### Description

Transparent, solvent-free, permanently elastic, fast-hardening silicon sealing compound for sealing flat surfaces where there is a sealing gap (can also be applied to assembled components).

### Features

- High thermal stability from -50 °C to +200 °C (brief peak temperature)
- Very good durability against internal combustion fuels and diesel fuels, oil, grease, lubricants, water, seawater, sunlight and ozone

- Easy to position and shape
- Odourless
- Prevents corrosion of the sealing surfaces
- Acid-free hardening means no damage to synthetic parts, electrical components, etc.
- Hardens faster than other silicon sealing compounds
- No identifying marks

### Application areas

For sealing car body parts, windscreens, light housings, glass components. For sealing and enclosing electrical connections. For gluing and damming.

For cars, bicycles, boatbuilding, caravan building, DIY and garden work. All-purpose application for use with all makes of engines and vehicles.

Individual form	REINZ No.	Packaged quantity
Tube 70 ml	70-31453-00	25 tubes in counter display box



Technical Datasheet REINZOSIL-t

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

Safety Datasheet REINZOSIL-t

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)



# REINZOPLAST

Does not crack under pressure



## Description

Solvent-free, permanently plastic, non-hardening, polyurethane sealing compound with high viscosity, for highly-stressed sealing joints without a sealing gap, such as joints that are subject to vibrations.

## Features

- Non-hardening
- Easy to disassemble
- Does not crack under pressure from engine vibrations
- High thermal stability from -50 °C to +300 °C (brief peak temperature)
- Very good durability against internal combustion fuels and diesel fuels, oil, grease, lubricant, additives, antifreeze, water and gas
- For wet sealing without a sealing gap
- High viscosity
- Ready for immediate assembly
- Fully loadable within seconds
- Storable for approx. 3 years

## Application areas

For micro-sealing finely-tuned components in engines, gear-boxes and axles. For sealing threads. For pump station and power station work. All-purpose application for use with all makes of engines and vehicles.



Individual form	REINZ No.	Packaged quantity
Tube 80 ml	70-24571-20	25 tubes in counter display box
Cartridge 300 ml	70-24575-20	12 cartridges in carton box



### Technical Datasheet REINZOPLAST

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

### Safety Datasheet REINZOPLAST

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

# RE-MOVE

## Gasket removal within seconds



### Description

Highly effective and long-lasting sealant remover on an ether solvent and propellant base.

### Features

- High-adhesion
- Does not drip
- When sprayed, it gives an impermeable, high-adhesion, highly effective liquid film
- Can be used on vertical and overhead surfaces
- Can also be used on sloped and vertical surfaces
- Also suitable for removing resin and paint residue
- Super-quick to use
- Does not damage surfaces

### Application areas

For removing gaskets, gasket remnants and sealing compounds. Also for removing glue, resin and paint residue. All-purpose application for use with all makes of engines and vehicles.

Individual form	REINZ No.	Packaged quantity
Spray can 300 ml	70-31415-00	12 Spray cans in carton box



**Technical Datasheet RE-MOVE**

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

**Safety Datasheet RE-MOVE**

[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)



**Gasket Materials**



## Making new gaskets yourself

### All you need is some technical skill

Old gasket useless, and no replacement available? No problem – simply make a new one yourself.

Select the most suitable material for your sealing needs from four different types.

The application table on page 13 provides information about which material can be used where and under which conditions.

Next, you make an impression of your sealing surface, then get your tools – and you're ready to go.

## From tough to soft – All you need

### Really tough business. High loads and temperatures.

**AFM 22** consists of a tanged and galvanized steel core, onto which a layer of non-asbestos composite material is rolled on both sides. Apart from aramide fibers, the composite material contains inorganic filling media plus high-grade elastomers as bonding agents.

Although AFM 22 has outstanding mechanical strength as well as very high temperature and pressure resistance, it still adapts excellently to the sealing surface. The material resists oils, fuels, and coolant mixtures with anti-freeze and corrosion inhibitors.

### Standard business.

**AFM 37/8** is a non-asbestos gasket material. It contains aramide fibers and other temperature-resistant asbestos substitutes that are processed together with elastomer under elevated pressure and temperature. AFM 37/8 has good thermo-mechanical properties, is highly adaptable, and is particularly suitable for sealing oils and other liquids. For sealed joints that are subjected to low or medium loads.

**REINZOLOID FS 53** is an impregnated gasket material based on glue-bonded cellulose fibers.

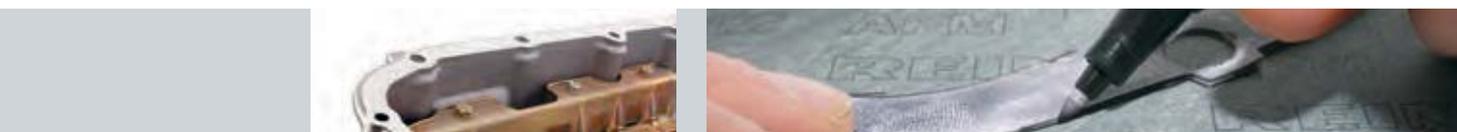
**REINZOLOID FS 53** is a gasket material with good resistance against oils and fuels. Moreover, the material is compressible and adaptable.

### Soft business.

**RGC 257** consists of nitrile rubber-bonded cork. The composition of this oil and fuel-resistant material ensures high compressibility and extremely good recovery.



## Reparaturkits XL und XXL For individual application



### Description

The XL and XXL repair kits contain gasket materials with or without metal supports in a handy A4 (XL) or A3 (XXL) format. The material, thickness, and size specifications of the XL repair kit are intended for use in smaller repairs, and for larger components in the case of XXL.

### Application areas

Car and bicycle, boat and caravan, home and garden. Use according to application and temperature (see gasket materials application areas on page 13).

Individual form	REINZ-No.	Packaged quantity
<b>Repair Kit XL</b>	16-27250-03	1 DIN-A4 plate each (210 x 297 mm)
AFM 22*		1.20
AFM 37/8		0.50
AFM 37/8		1.00
REINZOLOID FS 53		0.50
REINZOLOID FS 53		1.00
<b>Repair Kit XXL</b>	16-31990-01	1 DIN-A3 plate each (297 x 420 mm)
AFM 22*		1.20
AFM 37/8		0.50
AFM 37/8		1.00
REINZOLOID FS 53		0.50
REINZOLOID FS 53		1.00

\* With metal supports



### Technical Datasheets

AFM 22, AFM 37/8 and REINZOLOID FS 53  
[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

## Gasket materials in rolls

Practical rolls for individual large scale applications



### Description

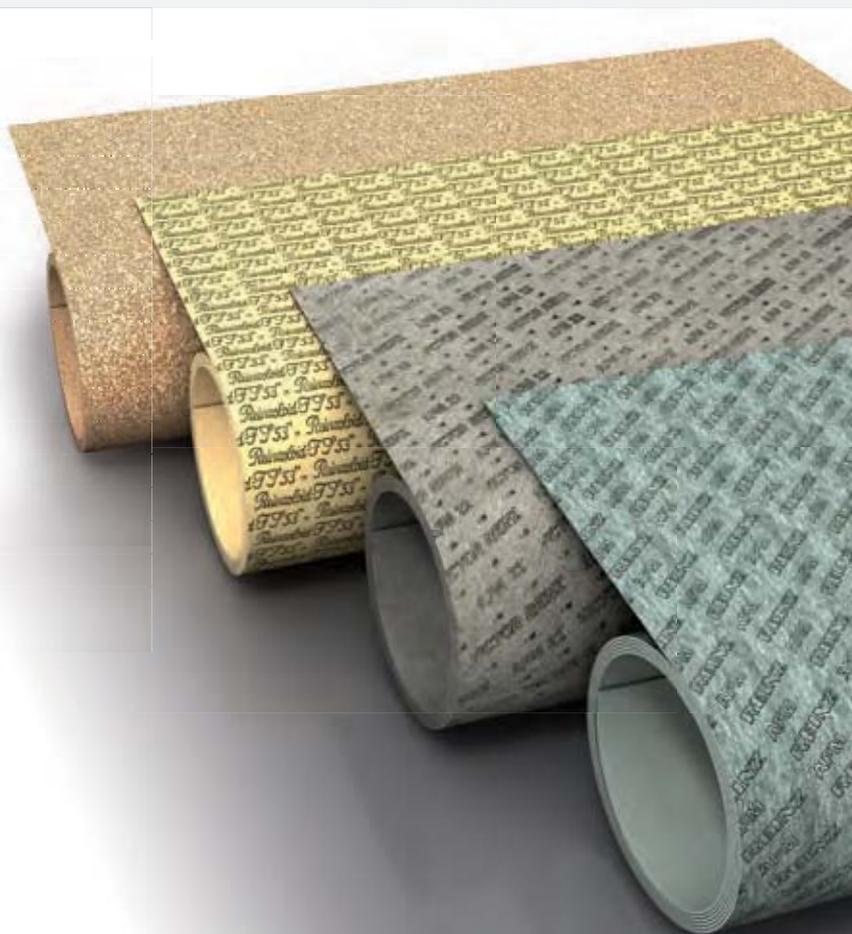
Gasket materials on an aramid fibre base, with or without steel supports, and on a cellulose and cork base, in roll format. The roll format is specially designed for the requirements of bulk users.

### Application areas

Cars and bicycles, boats and caravans, home and garden. Use according to application and temperature (see gasket materials application areas on page 13).

Individual form	REINZ-No.	Thickness (mm)	Format (rolls)
AFM 22*	70-31212-10	0.75	1500x500
	70-31213-10	1.00	
	70-31214-10	1.20	
	70-31215-10	1.30	
	70-31216-10	1.50	
AFM 37/8	70-35153-00	0.30	1500x500
	70-35154-00	0.50	
	70-35155-00	0.75	
	70-35156-00	1.00	
	70-35157-00	1.50	
REINZOLOID FS 53	70-29214-10	0.25	5000x500
	70-29216-10	0.50	
	70-29217-10	0.75	
	70-29218-10	1.00	
	70-29219-10	1.50	
RGC 257	70-31222-00	2.00	914x914
	70-31223-00	3.00	
	70-31224-00	4.00	

\* Special formats and special applications on request



### Technical Datasheets

AFM 22, AFM 37/8, RGC 257 and  
REINZOLOID FS 53  
[www.reinz.com/jsi-datasheet](http://www.reinz.com/jsi-datasheet)

# Application range gasket materials



## Practical tip

Choosing a gasket material has never been easier:

1. Choose your application.
2. Check the temperature range and durability of the medium.
3. Select and use the gasket material.

And you're done.



	AFM 22	AFM 37/8	REINZOLOID FS 53	RGC 257
<b>Material</b>	Aramid fiber with metal core	Aramid fiber	Cellulose	Rubber/cork
<b>Application</b>	Cylinder head Exhaust manifold Gearbox flange Inlet manifold etc.	Axles Gearbox Inlet manifold Instruments Oil sump Piping Pumps Valve cover etc.	Axles Carburettor Flange Fuel pumps Gearbox Oil pumps Steering housing Thermostats Water pumps etc.	Control units Gearbox cover Oil sump Valve cover etc.
<b>Temperature range [°C]</b>	< 400	< 300	< 120	< 150
<b>Medium durable against</b>	Fuel Oil Antifreeze and anti-corrosion products	Fuel Oil Antifreeze and anti-corrosion products	Fuel Oil Antifreeze and anti-corrosion products	Fuel Oil

## Floor and counter displays

Ideal Victor Reinz® product portfolio presentation



### Counter display

Presentation with a system: from now on, our handy counter display box contains all our sealing compounds (except the REINZOSIL 200 ml dispenser and the REINZOPLAST 300 ml cartridge). The Victor Reinz® counter display – your silent salesman at the point of sale.

### Floor display

Presentation in XXL format. That's the new Victor Reinz® floor display box. You decide which Victor Reinz® products you want to present in the floor display box: liquid sealing compounds, sealant remover, repair kits, gasket materials or our gasket sets.\*

The whole Victor Reinz® range at a glance.

\* Not included in delivery: floor display box (REINZ no. 39-00239-00)

Individual form	REINZ-No.	Packaged quantity
Floor display	39-00239-00	1 floor display





## **SPICER®**

*Drivetrain Products*

Axles  
Driveshafts  
Off-Highway» Transmissions

## **VICTOR REINZ®**

*Sealing Products*

Gaskets and Seals  
Cylinder-Head Cover Modules  
Thermal-Acoustic Protective Shielding

## **LONG®**

*Thermal Products*

Transmission Oil Coolers  
Engine Oil Coolers



### **About Dana Holding Corporation**

Dana is an integral partner for virtually every major vehicle and engine manufacturer worldwide. Dana is a leading supplier of drivetrain, sealing, and thermal technologies to the global automotive, commercial-vehicle, and off-highway markets. Founded in 1904, Dana has thousands of people at operations in 26 countries.

### **What Can Dana Do For You?**

Dana provides high-quality product solutions in four core areas of the vehicle – drivetrain, sealing, and thermal systems. This lineup of technologies from one source is designed to offer flexibility to vehicle manufacturers around the world – whether in automotive centers or emerging markets – and ensures that customers get the latest state-of-the-art technologies, as well as products adjusted for specific local markets. With technology centers strategically located throughout the world, Dana engineers have the superior resources to develop, design, test, and manufacture to suit individual customer needs. This close collaboration allows Dana to create everything from advanced single components to fully integrated modular systems.

### **Power Technologies Group**

REINZ-Dichtungs-GmbH  
Reinzstrasse 3-7  
89233 Neu-Ulm  
Germany  
[www.reinz.com](http://www.reinz.com)



## **VICTOR REINZ®**

*Sealing Products*