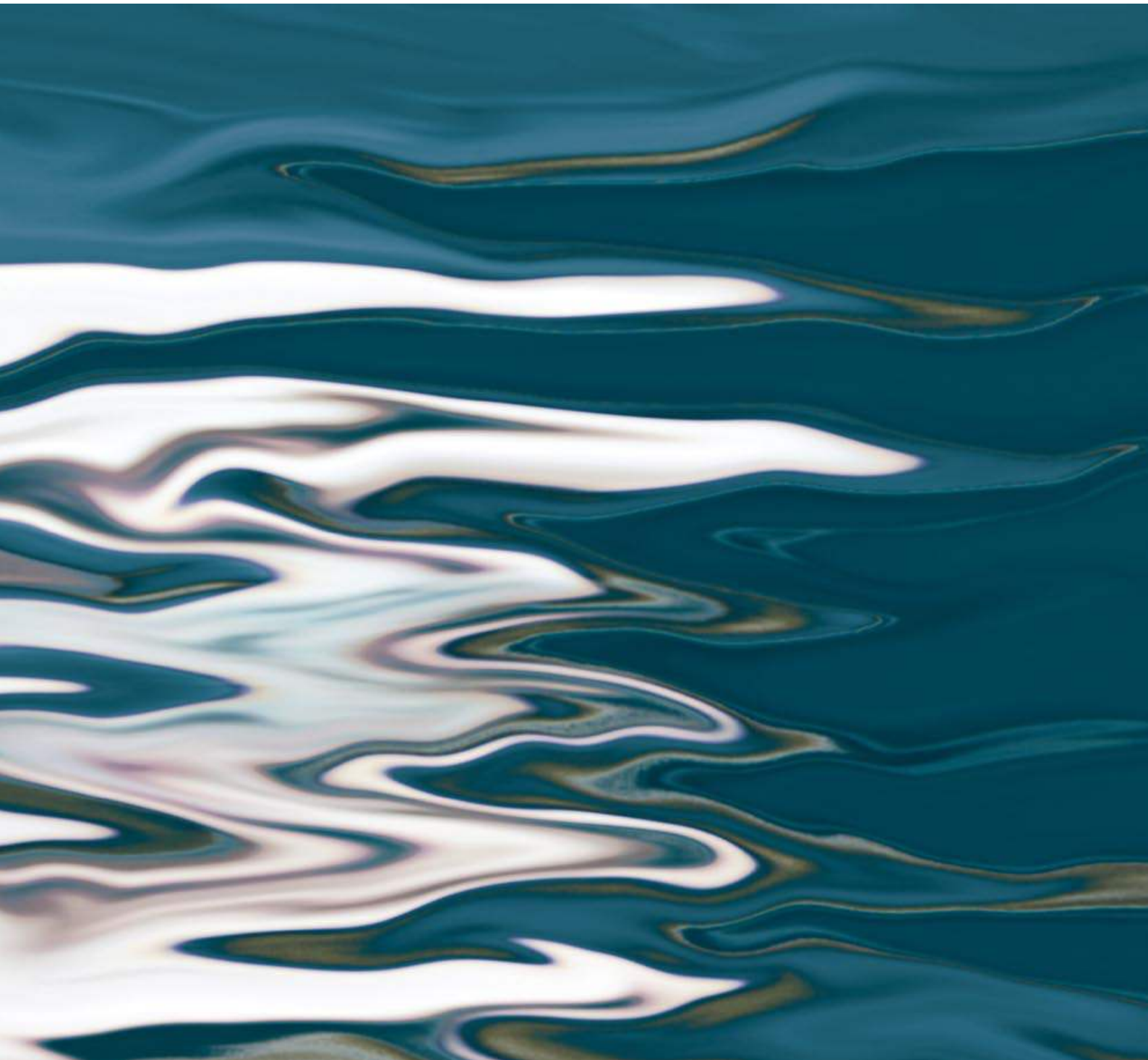


**Sulzer Mixpac systems for 2-component adhesives**  
Metering - Mixing - Dispensing  
for Industry applications



# Application Systems from Sulzer Mixpac for Two-Component Adhesives and Sealants

Adhesives are becoming increasingly important in the world of modern fastening techniques. New materials and material combinations in industry, architecture, vehicle manufacturing, aerospace, electronics and sports equipment have led to an increase in demand for new adhesive solutions that meet the highest requirements.

Reactive 2-component adhesives are becoming increasingly important for this very reason. To ensure a targeted and predictable reaction between the components, these adhesives are supplied in separate primary packages, especially single-use cartridges and double syringes. The user is provided with a system that enables the right adhesives to be used at the right place, at the right time and in the desired quantity.

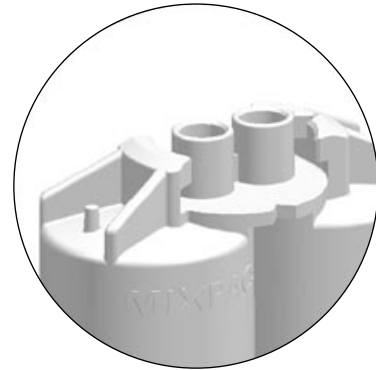
The adhesive can only satisfy the demands placed on it if all aspects of primary packaging, dispensing and mixing can be performed and checked in a consistent, precise and reproducible manner.

Sulzer Mixpac provides the adhesives industry with a comprehensive range of high value and reliable application systems for almost every conceivable use and situation. Our systems guarantee adhesive manufacturers and users

- Stable storage of the components
- Precise dispensing
- Homogenous mixing
- Reproducible adhesive performance

Application systems from Sulzer Mixpac are the number one choice for all situations where certified processes and the highest demands on the bonding process are the order of the day.

The key feature of all Sulzer Mixpac new-generation double syringe and "Side by Side" cartridge systems is the total separation of the two components. This provides a high level of storage stability while simultaneously preventing cross-contamination. The cartridges and double syringes can be sealed cleanly and securely after each use.



- Features**
- No cross contamination
  - Clean outlets
  - Easy mounting and dismounting of mixer
  - Leak free interface
  - Controlled adhesive performance
  - Highest process safety

## Separated discharge of the components

The patented cartridge/mixing tip interface dramatically increases the reliability and performance of the adhesive system. A homogenous and thorough mixing of the two components is guaranteed by Sulzer Mixpac systems using the compatible mixing tip recommended and supplied by the manufacturer.

For every system Sulzer Mixpac offers a range of static mixing tips in all shapes and sizes. Sulzer Mixpac ensures that the finest mixing technology is available for every possible application.

Compatible, robust and reliable dispensing devices for all cartridge systems are available from Sulzer Mixpac. Packaging, mixing, dispensing and the application of adhesives and sealants are core competencies of Sulzer Mixpac – the global technology leader.

An application laboratory equipped to the highest standards, a technology team that's focused on new innovations, our own manufacturing facility and skilled customer consultants all come together to provide you with the ideal solution for your application.

# System overview

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## Mixpac™ K-system

2-K syringe  
with 2.5ml, 5ml and 10ml capacity



0608 4454-05

## Mixpac™ B-system

2-K cartridge  
with 50ml capacity



0608 4454-17

## Mixpac™ F-system

2-K cartridge  
with 200 ml or 400ml capacity



0608 4454-15

## Statomix™

Disposable static mixer  
for dosing systems

## Quadro™

Disposable square static mixer  
with patented mixing geometry



0608 4454-25

### Applications:

- For professional use
- For DIY applications
- For low-volume applications
- Integral part of an assembly and repair kit
- Bonding components in the electronics industry
- Maintenance and repair of sport and leisure equipment
- General applications in the home



0608 4454-02

## Mixpac™ K-system

**2-K syringe**  
with 2.5 ml, 5 ml and 10 ml capacity

Product advantages	Benefits for the customer
Separated outlets	Safe and clean working No cross-mixing Reusable for several applications
Reusable for several applications	Safe and easy handling No cross-mixing
Rigid construction	Precise dosing – accurate application Ergonomic High long-term stability
Reusable plunger	Ecological Cost saving
Wide range of different mixers	Optimal mixer for each 2-component adhesive
Complete system	High process reliability
Custom designs possible	Supports branding

### Range:

The Mixpac K-system is available in various sizes with different mixing ratios and mixers. The syringes, caps and plungers can be supplied in the standard colours white, black and transparent.

The mixer assortment includes different mixing elements, diameters, lengths, mixer tips and other accessories.



**Applications:**

For professional use in the following fields:

- Automotive
- Aerospace
- Industrial assembly
- Electronics
- Composites
- and other sectors

0608 4454-01

## Mixpac™ B-system

2-K cartridge  
with 50ml capacity

Product advantages	Benefits for the customer
Separate outlets	Leak free interface between the mixer and cartridge Safe and clean working No cross-mixing
Defined positioning of cap	Safe and easy handling No cross-mixing
Rigid construction	Precise dosing – accurate application Suitable for high-viscosity compounds High long-term stability
Integrated piston retention	High transport safety for transport by air and sea Withstands variations in pressure and temperature
Wide range of different mixers	Optimal mixer for each 2-component adhesive
Complete system	High process reliability Little user effort required Fatigue-free working

**Range:**

The Mixpac B-system is available with different mixing ratios and a wide range of mixers. The cartridges are available in PP and PA6 materials. The system is completed by an ergonomic dispenser.



### Applications:

For professional use in the following fields:

- Aerospace
- Wind power
- Shipbuilding
- Industrial assembly
- Construction sector (interior and exterior)
- Stone processing
- and other sectors

0608 4454-03

## Mixpac™ F-system

**2K cartridge**  
with 200 ml or 400 ml capacity

Product advantages	Benefits for the customer
Separate outlets	Perfectly sealed interface between The mixer and cartridge Safe and clean working No cross-mixing
Defined positioning of cap	Safe and easy handling No cross-mixing
Rigid construction	Precise dosing – accurate application Suitable for high-viscosity compounds High long-term stability
Wide range of different mixers complete system	Optimal mixer for each 2-component adhesive High process reliability
Manual or pneumatic dispenser	Little user effort required Fatigue-free working

### Range:

The Mixpac F-system is available with different mixing ratios and a wide range of mixers. The cartridges are available in PP and PA6 and PBT materials. The system is completed by a choice of ergonomic dispensers.



**Applications:**

2-component dosing and mixing systems

0608 4454-25



## Statomix™ – Mixer

Disposable static mixer  
for dosing systems

This product family includes disposable static mixers specifically designed for high dispensing pressures, mixer shrouds and disposable rotary mixers. Luer lock adapters are also available for mounting application needles.



0608 4454-26



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0608 4454-06

## Quadro™ – Mixers

Disposable square static mixer  
with patented mixing geometry

**Applications:**

Mixers for 2-component cartridge systems

The extremely short and compact mixer construction reduces the volume of waste and therefore saves costs. The low pressure-drop allows to easily extrude high-viscosity products.



0608 4454-07



0608 4454-10

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