

3004

POLYME<sup>R</sup>X

## Filter Adhesive



## Product Description

Solvent free, polyurethane Filter adhesive is a two – component, polyurethane adhesive which is formed from natural and pure polyols, rapid curing, resistant to chemicals and heat, not affected by antistatic atmospheric conditions. It is absolutely solvent – free.

## Areas of Application

It is used any type of air, filter, diesel, hydraulic oil, metal steel, marble and automotive heavy machinery filter production. It is used in the adhesion of PVS, ABS plastic pieces in industrial sector, vacuum cleaner, compressor and other sectors.

## Application and Warnings

The surface must be clean and dry. There shouldn't be oil, grease, water, dust and free particles on the surface. Humidity ratio of the products that must be stick must be max. 8%. A and B components of Polymex 3004 must be in contact with air in any form. As there is an excellent compatibility between A and B components of adhesive, the mixture application is implemented by hand or low pressure PU (polyurethane) machines. The best results of mixture are obtained in the ratio that we recommend with low pressure PU (polyurethane) machines. If component A waits for a long time, tank mixer in the applications implemented by PU machines must be in a working condition as it may cause to reduction. Apply to our technical service regarding to extending or decreasing the application time of mixture. Especially, by using low pressure PU machines, necessary modifications for Polymex – 3004 can be implemented for the production rate in adhesive applications.

## Technical Specifications

Specifications	A component	B component
Density (25C) gr/ml	1.30 – 1.65	1.21 – 1.23
Viscosity (25C) mPas	3000 – 4000	170 – 300
Mixing ratio	5	1
Color	Cream, grey	Black
Pot life (25C) 125 gr A+ B d	25 – 35 min	
Contact time	35 – 45 min	
Hardening dry	40 – 45 min	
Shore D	80 – 85	

## Product Features and Advantages

- Curing is fast.
- It is appropriate in the production of tape.
- High resistant to chemicals
- Excellent harmony and rapid mixture between two components
- Antibacterial
- Absolutely solvent – free

## Shelf Life

Its shelf life is 2 years in original and unopened packages and in the storage temperature of 10 – 25C. protect A and B components from direct sunlight and moisture.

## Packing

A component: plastic boxes or buckets of 30 kg.  
B component: gallon cans of 6kg. if desired, it can be provided in (10 kg + 2 kg), (20 kg + 4 kg) and (25 kg + 5 kg) barrels.

