

3005

POLYME^RX

Polyurethane Filter Adhesive



POLYME^RX



POLYME^RX

Product Description

Polymex – 3005 is a two – component polyurethane adhesive formed from the mixture of natural and synthetic polyols, rapid curing with high heat resistance. It is solvent – free.

Areas of Application

It is used in the adhesion of PVS, ABS plastic pieces in industrial sector, vacuum cleaner, compressor and other sectors.

Product Features and Advantages

It is rapid curing. Its application It is appropriate in the production of tape. It has high resistant to chemicals. It has an excellent harmony and rapid mixture between two components.

Application Tools

It is recommended to apply Polymex – 3005 with a low pressure PU machines as it has very short curing time and pot life. (Note: the application time can be extended and decreased optionally).

Packing

Polymex – 3005 is provided as set of 25 kg and 30 kg in plastic containers and if desired, in barrel.

Packing

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.

Technical Specifications

Specifications	A Bileşeni	B component
Density (25C) gr/ml	1,55-1,65	1,21 – 1,23
Viscosity (25C) mPas	3000-4000	170 – 300
Mixing ratio	5	1
Color	Krem, gri,	Black
Pot life (25C) 125 gr A+ B d	25-35 dakika	
Contact time	35-45 dakika	
Hardening dry	40-45 dakika	
Shore D	80-85	

Terms of Application

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 3005 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 – 3005 can be implemented for the production rate in adhesive applications.