

FORM IN PLACE GASKETS

AD120-0751

WACKER SILICONES ELASTOSIL® E901 SILICONE



Modus Advanced, Inc.'s AD120-0751 Form-in-Place is a solvent-free, one-component, silicone sealant. Applications include gasketing and general industrial purposes. This acid-curing, non-sag material is readily gunnable at low and high temperatures, and quickly becomes tack-free due to rapid crosslinking. Its low modulus means that it displays better adhesion and safety characteristics. It adheres to a variety of substrates, including glass, vitrified surfaces, ceramic tiles and many types of plastics and paints. Once cured, it remains flexible over a wide temperature range.

TYPICAL PROPERTIES

Property	Test Method	Unit	Value
Density at 23° C	DIN 53 479-B, ISO 1183, Method B	g/cm ³	1.02
Consistency	DIN EN 27390; A+B – 20 x 10mm ISO 7390, profile U20	-	standfest non-sag
Extrusion rate at 23°C, 3-mm nozzle, pressure 0.63 N/mm ²	-	ml/min	450
Skin-forming time at 23°C/50%r.h.	-	min.	20
Cured Rubber (after 4 weeks' storage at 23°C/50% r.h.)			
Tensile Strength	ISO 8339	N/mm ²	.06
Ultimate Elongation	ISO 8339	%	300
Modulus at 100% elongation	DIN EN 28339; ISO 8339	N/mm ²	.35
Hardness, Shore A	DIN 53 606; ISO 868	-	20
Tear Strength	ISO 34, Method C	N/mm	4.2
Movement Capability	ISO 11 600	%	25

FEATURES AND BENEFITS

- One-component, solvent-free
- Low shrinkage during vulcanization
- Non-sag consistency
- Flexible over a wide temperature range
- Excellent adhesion to many types of substrates

APPLICATIONS

- Industrial sealing

METHOD OF APPLICATION:

- Automated dispensing equipment

ADDITIONAL PROPERTIES

- Flexibility Temperature Range: -40°C to +150°C

RESTRICTIONS:

Corrosion will result with contact with the following:

- Lead
- Copper
- Brass
- Zinc

CUSTOMERS ALSO SEARCHED:

form in place gasket	liquid gasket
liquid gaskets	paste gasket
liquid gasket	emi gasket
gasket tack	conductive silicone gasket
form in place	conductive silicone
conductive material	emi silicone
form in place gaskets	emi shielding gasket
dispensed gaskets	formed gasket
dispensed gasket	electrically conductive gasket
form-in-place	silver silicone
Dispensed gasket	nickel graphite silicone
conductive gasket	

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



IDEA



ENGINEERING



SOLUTION



IGNITION



PICK A MATERIAL

TURN-KEY DISPENSED SOLUTIONS

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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