

Zahabiya

Sealing Gum ZSG-12/99

Sealing Gum is an elastomeric sticky textured sealant possessing superior, cohesion, tack & elongation properties. It is dense, flexible and non-hardening putty with excellent ageing properties. As a Duct Sealant in Central Air-Conditioning (HVACR), usable for the installations and maintenance of watertight (cold/hot), air/gas tight, vapour barrier, U/V, Ozone & weather resistant, non-cracking soft seal with very good adhesion on various surfaces. At all such special jobs & places where elastic insulant sealant is needed, the product is ideal, economical used being weather resistant, water/ oil proof, non-conductor to electricity, non-magnetic, non-toxic and perfectly safe in handling (ASTM D-3278) ("Human Friendly/ Environmentally Acceptable Product"). Being satisfactorily used in Air Conditioners, Refrigerators & Deep Freezers manufacturing since last 32 years as an elastic putty. Typically ZSG-12/99 is being used for sealing laps/seams in mechanical sheet metal fabrication and sealing the Expansion Joints in Air Conditioning Ducting (Medium and High Velocity). Also effectively used as Shock Absorbent & Sound Deadener seal by Engg. Sector. This product conforms to H & VAC SPEC. DW/141 (Adhesion) B. S. 476 (PART-7) class "I" and class "O" tests of B.S. 476 (PART-6) being an ideal non hardening sealant in HVACR related applications.

COLOUR:	Normally Grey. Black/ White on orders. (ASTM D-1729)
CONSISTENCY:	Dense Flexible Putty, highly viscose in texture
DENSITY:	In standard batches, averages about 1.45kg/ litre. (ASTM D -792)
AVERAGE NON-VOLATILE:	99% by weight (ASTM D -2369)
DIMENSION:	Flat thick cakes/ blocks wrapped in Zahabiya branded printed paper.
FLEXIBILITY:	Non-Cracking at 0°C when bent around 6 mm mandrel. (ASTM C-765)
COVERAGE:	Depends upon the dimension applied in. Normally 1 Ft x 1 Cu. inch compact filling averages 260 grams.
ELONGATION:	Up to 800% at 30°C.
DRYING:	Touch dry in 5 minutes. Always remains soft & pliable. (ASTM D-1640)
SERVICE TEMPERATURE:	Temperature resistance on the surface to be coated ranges from -0°C up to 190°C (continuous) and for intermittent exposure up to 260°C, for short spells (FSTM 70). Usable up to -45°C, as in Refrigerators/ Deep Freezers.
VAPOUR PERMEANCE:	The Water vapour transmission through 1" of impermeable insulation of 12 x ¼" block of "Zahabiya SEALING GUM" is negligible to be recorded. (ASTM E- 96). Manually by hand or pressurised applicator. SHOULD BE APPLIED DENSELY AND COMPACTLY without air pockets, space/ voids or cavities entrapped inside. Easily hand moulded in desired shape and dimension.
APPLICATIONS:	



REFRIGERATORS/DEEP FREEZERS:

1. Drain water tray sealing, Thermopore to Plastic.
2. Suction line Sealing to prevent moisture to polyurethane contact.
3. Sealing delicate leakage points, Seam Joints during polyurethane foaming in the Refrigerators/Deep Freezers.

AIR CONDITIONERS MANUFACTURING:

1. Blower housing of Thermopore / Metal Sealing.
2. Metal to metal gap filling, vibration controller, sound deadener and for air leakage control.
3. Compressor terminal box (Electrical) sealing to prevent moisture entrance as a non conductor sealant.
4. Window Sealing / Weather Proofing in installations.
5. As a Water Proofing & Vapour Barrier Sealant.

AIR CONDITIONING DUCTING:

1. In Low and High Velocity Ducts fabrication/assembly on the Seam Joints at places where soft elastic seal is required enabling the maintenance staff to easily open the ducts whenever necessary.
2. Usable best at expansion joints as soft permanent gasket seal. The advantage is that the same sealant can be reused if removed carefully for maintenance and inspection purpose.

SHELF LIFE: Usable up to 5 years on proper storage around 25-30°C.

PLEASE REFER PRODUCT DATA BEFORE USE

Disclaimer:

The Information & Data contained herein are correct to the best of our knowledge, tests and experience. These are presented in good faith to the users for their guidance. The recommendations and suggestions mentioned are made without guarantees or representations as to the results. The Consumer should satisfy himself as to the suitability of the product for the intended purpose and use. WE ASSUME: NO LIABILITY for damages of any kind and the user accepts the product 'as is' and without any other warranties, expressed or implied. Our Warranty is limited to the replacement of so proved defective Zahabiya original sealed packed product only; provided used within shelf life as supplied/ exported originally.



Zahabiya Chemical Industries

PI-14, Sector B-VIII, K.E.P.Z., Karachi. Phones: +92-21-5082323, 5082324

Fax: +92-21-5082325 Email: info@zahabiya.com Web: http://www.zahabiya.com

