

Sanvisil Tech

UNIQUE BUILT TO PERFECTION



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SanviSil Tech at a glance

Our product portfolio comprises a comprehensive range of silicone tubes high pressure silicone hoses and inflatable seals and conductive/ Anti-static silicone tubes and profile . Sanvisil Tech pursues goals of competitiveness and flexibility through process optimization using an approach lean manufacturing in order to adapt efficiently and rapidly to changing market conditions in order to meet so every customer demand. While providing quality services and products to its customers, the growth journey has continued through numerous acquisitions & green field projects.It is our continuous commitment to bring in new products and technologies in hoses and inflatable seals.Sanvisil Tech monitors it through all stages of production that allows and ensures traceability. From the selection of ingredients, the production of semi-finished products through all stages of production to the finished product. Each product is conceived, designed, built and tested in the company to ensure that each component meets the rigorous standards that Sanvisil Tech has emerged. In addition, tests are done to check for proper operation in harsh environmental conditions.

OUR VALUES

Core values form the basis for our day-to-day activities. With their abundant knowledge and skills, our employees throughout the world play an active role in shaping the future of SanviSil Tech on the basis of our core values. We place paramount importance on living our values in our work.

We Believe In

"WE CARE FOR OUR CUSTOMERS"

We Believe In customer first, to meet the customer needs and develop a trust.

"DEMAND IN EXCELLENCE IN TERMS OF QUALITY"

We are committed to support a strategy based on differentiation by offering innovative solutions fruit of the challenges. Sanvisil Tech arises every day to increase their experience and expertise in the field.

"TEAM WORK"

Together, we can run faster, reach higher and achieve more than any one of us can alone. when we join forces and plow through boundaries, we move mountains.

FOR MORE INFORMATIONS CONTACT US

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THERMO PLASTIC ELASTOMER TUBINGS

SVT-FLEX TRA

Our SVT-FLEX TRA tubing exhibits similar characteristics to silicone tubing, however silicone can have absorption issues with certain proteins and anti-oxidants and is extremely permeable to gases. These concerns are eliminated when using our TPE Tubes.

Our TPE tubings are provide elasticity over a broad temperature range, withstand stresses of pump action over time, and, unlike silicone, are weldable and heat-sealable. More so, the new compounds include clear, translucent and opaque grades. In comparison with other TPEs, our TPEs shed lower levels of particles from the inner surface of tubing caused by repeated pump action.



"Due to its High Chemical resistance It is a first choice for applications including metering tablet-coating materials, pH control and media feed in fermentation and bioreactor metering, as well as pharmaceutical handling, dispensing, metering, transfer and filtration."

The elasticity of these compounds allows tubing to keep pace with rapid pump action, and their durability enables it to retain its shape and remain intact over time. These TPE tubings are also compatible with a broad range of chemicals and are able to be sterilised by e-beam, gamma, and ethylene oxide.

SCOPE OF APPLICATION & INDUSTRY

- Biopharmaceutical Storage
- Chest Drainage
- Drug delivery
- Catheter
- chemical Industry
- Pharmacuetical Industry
- Pulp and Papper Industry
- Print and packing Industry

FEATURES:

- High chemical Resistance
- Biocompatible and Food grade
- Coneg, RoHS and Proposition 65 compliant.
- Phthalates, PVC, BPA and latex Free.
- Free of animal-derived materials (ADM-free).



THERMO PLASTIC ELASTOMER TUBINGS

PHYSICAL PROPERTIES (ASTM&ISO)

DESCRIPTION	Nominal Value	UNIT	TEST METHOD
DUROMETER HARDNESS			ASTM D2240
SHORE A,1 SEC	60		
SHORE A, 5 SEC	58		
DENSITY	0.885		ASTM D792
TENSILE STRESS (50% STRAIN)	198	psi	ASTM D412
TENSILE STRESS (100% STRAIN)	235	psi	ASTM D412
TENSILE STRESS (300% STRAIN)	410	psi	ASTM D412
TENSILE STRENGTH(BRAEK)	1640	psi	ASTM D412
TENSILE ELONGATION(BREAK)	662	%	ASTM D412
TEAR STRENGTH	162	lbf/in	ASTM D624
COMPRESSION SET			ASTM D395 B
73°F,22 Hr	13	%	
158°F,22 Hr	100	%	