

**THERMO PLASTIC ELASTOMER TUBINGS****SVT-YPRENE**

SVT-YPRENE tubing is a thermoplastic-rubber product with unmatched resistance to wear and abrasion. It is therefore ideally suited for use on Peristaltic Pumps, where its greatly extended pumping life results in costs savings in both tubing expenditure and pump 'down time'. It is a non-toxic, food grade tubing which will withstand sterilisation.



It offers exceptionally long-life and resistance to a wide range of chemicals, especially oxidising agents such as ozone, peroxides and sodium hypochlorite. Due to its High Chemical resistance It is a first choice for applications including metering tablet-coating materials and media feed in fermentation and bioreactor metering, as well as pharmaceutical handling, dispensing, metering, transfer and filtration.

FEATURES:

- Non-stick/Low friction resistance.
- Wide chemical compatibility
- Opaque to UV and visible light
- Low gas permeability
- Highly resistant to acids
- Highly resistant to oxidising agents
- Temperature: -20°C up to +135°C.
- Highly durable.
- Excellent resistance to abrasion, wear and fatigue.
- Good resistance to ozone and ultraviolet radiation.
- Beige colour option is food approved and non-toxic.

CERTIFICATES:

Meets FDA 21.CFR.177.1550



PHYSICAL PROPERTIES (ASTM&ISO)

DESCRIPTION	Nominal Value	UNIT	TEST METHOD
DUROMETER HARDNESS SHORE A,15 SEC	67		TPE-0189
DENSITY	0.96		TPE-0105/1
TENSILE STRENGTH	7	Mpa	TPE-0153
STRESS 100 @ ELONGATION	2.7	Mpa	TPE-0153
TENSILE ELONGATION(BREAK)	520	%	TPE-0153