

# EXCELPRENE TPE FOOD PROCESS TUBING

## High-Performance Tubing for Food and Dairy Processing

**Excelprene TPE Food Process Tubing** is a high-performance tubing formulated to withstand the extreme temperatures frequently experienced during food, dairy and cosmetic processing applications. Extremely flexible, it resists kinks and retains its shape while installing quickly and easily. Excelprene is durable with excellent fatigue and abrasion resistance, making it an excellent choice for use in the peristaltic pumps often found in dispensing equipment. Excelprene will not crack or deteriorate following extended exposure to heat or ozone, making it the preferred choice when compared to traditional rubber tubing products.

Excelprene TPE Food Process Tubing makes cleaning and sterilization easy, as it exhibits excellent chemical resistance compared to general purpose rubber tubing and is compatible with the most harsh commercial cleaners and sanitizers. Excelprene also provides excellent acid and alkali resistance as well as good resistance to animal and vegetable oils.

### PHYSICAL PROPERTIES

Properties**	TPE FOOD
Hardness, Shore A	64
Specific Gravity	0
Tensile Strength, psi	1000
Elongation at Break, %	375
Max. Operating Temp., °F	275
Brittle Temperature, °F	-75

\*\*Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.



- Equivalent to Tygon® Norprene A-60-F
- Preferred choice over traditional rubber tubing
- Withstands extreme temperatures from -75°F to 275°F
- Compatible with most sanitizers and cleaners
- Chemically compatible with a wide range of fluids
- Meets FDA, 3-A and NSF criteria
- Batch consistency

For use in:

- Hot & cold food and dairy processing
- Cosmetic production
- Hot beverage dispensing
- Chemical transfer

**Thermo**  
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## TPE FOOD PROCESS TUBING SIZING CHART

ITEM NO.	SIZE NO.	ID (INCHES)	OD (INCHES)	WALL (INCHES)	LENGTH (FEET)	MINIMUM BEND RADIUS (INCHES)	MAX. WKG PRESSURE PSI @ 73 °F
900105F	1SPF50	1/16	3/16	1/16	50	1/4	34
900205F	2SPF50	1/8	1/4	1/16	50	1/2	19
900305F	3SPF50	3/16	5/16	1/16	50	3/4	13
900605F	6SPF50	1/4	3/8	1/16	50	1 1/4	10
900805F	8SPF50	1/4	1/2	1/8	50	3/4	19
900905F	9SPF50	5/16	7/16	1/16	50	1 1/2	8
901205F	12SPF50	3/8	1/2	1/16	50	2 1/4	7
901405F	14SPF50	3/8	5/8	1/8	50	1 1/4	13
902005F	20SPF50	1/2	3/4	1/8	50	2	10
902605F	26SPF50	5/8	7/8	1/8	50	3 1/4	8
903105F	31SPF50	3/4	1	1/8	50	4	7

\*\*Tolerances for dimensional sizes above in accordance with generally accepted industry standards.

\*\*A number of environmental factors (including, but not limited to temperature, chemical attack, stress, vibration and expansion over fittings) will reduce the tubing's ability to withstand the pressures noted. Prior to specifying this tubing for use, it is the end user's responsibility to conduct the necessary tests to determine fitness for use in a specific application.



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