

# EXCELPRENE INDUSTRIAL GRADE TUBING

## High-Performance Alternative to General Purpose Rubber

Excelprene TPE Industrial Grade Tubing is high-performance tubing manufactured from a thermoplastic elastomeric compound that consistently outperforms neoprene, EPDM and other general purpose rubber tubing products. It provides extended service in a wide variety of applications, without weakening or cracking, and can withstand extreme temperatures from -75°F to 275°F.

Typical applications for Excelprene TPE Industrial Grade Tubing include caustic dispensing, wastewater sampling, soap and disinfectant dispensing, transferring printing ink, glass and window washing systems and more.

\*For industrial tubing for use in hot and cold food and beverage, ask for information on Excelprene TPE Food Process Tubing.

### PHYSICAL PROPERTIES

| Properties**             | INDL |
|--------------------------|------|
| Hardness, Shore A        | 64   |
| Specific Gravity         | .970 |
| 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-G
- Long service life with peristaltic pumps
- Excellent flexural fatigue resistance
- Resists cracking when used in vacuum systems
- Abrasion resistant
- Resistant to light and ozone
- Batch consistency

Thermo  
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## INDUSTRIAL GRADE 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 |
|----------|----------|-------------|-------------|---------------|---------------|------------------------------|-------------------------------|
| 900105BK | 1SPI50   | 1/16        | 3/16        | 1/16          | 50            | 1/4                          | 34                            |
| 900205BK | 2SPI50   | 1/8         | 1/4         | 1/16          | 50            | 1/2                          | 19                            |
| 900305BK | 3SPI50   | 3/16        | 5/16        | 1/16          | 50            | 3/4                          | 13                            |
| 900605BK | 6SPI50   | 1/4         | 3/8         | 1/16          | 50            | 1 1/4                        | 10                            |
| 900805BK | 8SPI50   | 1/4         | 1/2         | 1/8           | 50            | 3/4                          | 19                            |
| 900905BK | 9SPI50   | 5/16        | 7/16        | 1/16          | 50            | 1 1/2                        | 8                             |
| 901205BK | 12SPI50  | 3/8         | 1/2         | 1/16          | 50            | 2 1/4                        | 7                             |
| 901405BK | 14SPI50  | 3/8         | 5/8         | 1/8           | 50            | 1 1/4                        | 13                            |
| 902005BK | 20SPI50  | 1/2         | 3/4         | 1/8           | 50            | 2                            | 10                            |
| 902605BK | 26SPI50  | 5/8         | 7/8         | 1/8           | 50            | 3 1/4                        | 8                             |
| 903105BK | 31SPI50  | 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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