Norprene® A-60-F Food and Beverage

Description

Formulated to withstand extreme temperatures from -75°F to 275°F, NORPRENE tubing will not crack or deteriorate when used in demanding food and beverage applications. Extremely flexible, it resists kinks and retains its shape while installing quickly and easily. Its excellent flexural fatigue resistance makes it the absolute best choice for use in peristaltic pumps often found in dispensing equipment.

Norprene is ideal for use in clean-in-place and steam-in-place cleaning and sterilization systems. It is compatible with virtually all commercial cleaners and sanitizers and can be repeatedly autoclaved for up to five cycles without affecting service life. When harsh sanitizing solutions are used, it exhibits exceptional chemical resistance and is unaffected by a wide variety of cleaning solutions.

Features & Benefits

- Chemically compatible with a wide range of food types
- Compatible with virtually all common sanitizers and cleaners
- Temperature resistant from -75°F to 275°F
- Long flex life in peristaltic pumps
- Ozone and UV light resistant
- Repeatedly autoclavable

Compliance

- FDA 21 CFR - 177.2600
- NSF-51
- ROHS
- 3-A

			Maximum Working Pressure	
Tube Class	Part Number	ID	73°F (psi)	180°F (psi)
Performance	T12-N1R50	1/16"	68	42
Performance	T22-N1R50	1/8"	38	24
Performance	T32-N1R50	3/16"	26	16
Performance	T42-N1R50	1/4"	20	12
Performance	T52-N1R50	5/16"	16	10
Premium	T21-N1R25	1/8"	46	32
Premium	T31-N1R25	3/16"	38	24
Premium	T41-N1R25	1/4"	30	18
Ultra	T63-N1R25	3/8"	26	16

Physical Properties	ASTM Method	Value & Rating
Durometer Hardness, Shore A, 15 Seconds	D2240-03	61
Tensile Strength psi (MPa)	D412-98	1,000 (6.9)
Ultimate Elongation Percentage	D412-98	375
Tear Resistance lb-f/in (kN/m)	D1004-03	120 (21.0)
Specific Gravity	D792-00	0.98
Water Absorption Percentage at 73°F (23°C) for 24 Hours	D570-98	0.3
Tensile Set at 75% Elongation	D412-98	47
Color	N/A	Cream
Brittleness by Impact Temperature °F (°C)	D746-98	-75 (-60)
Dielectric Strength v/mil (kV/mm)	D149-97	535 (21.1)
Maximum Recommended Operating Temperature °F (°C)	N/A	275 (135)
Compression Set Constant Deflection Percentage at 158°F (70°C) for 22 Hours	D395-03 Method B	27
Tensile Modulus: at 100% Elongation psi (MPa) at 300% Elongation	D412-98	410 (2.8) 800 (5.5)

Find out more at ankoproducts.com

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