



# EXCELON TE – EXCELTHANE POLYURETHANE TUBING



## TECHNICAL SERVICE REPORT

Physical Property	Test Method	THERMO B770986 FORMULATION	TYGOTHANE C-210-A FORMULATION
Durometer (Shore A, 10 second delay)	D2240-03	85	82
Color	Visual	Clear	Clear
Specific Gravity	D792-00	1.20	1.20
Tensile Strength (psi)	D638	5,000	6,050
Elongation at Break, %	D638	500	500
Tear Resistance (lb-ft/inch)	D1004-03	500	475
Water Absorption, % 24 hrs @ 23C	D570-98		1.12
Compression Set % @ 158F for 22 hrs	D395-03 Method B	65	68
Brittleness By Impact Temperature, F	D746-98	-90	-100
Max. Recommended Operating Temperature, F	-	200	200
Tensile Set, %	D412-98	80	98
<b>Meets NSF-51 Standards</b>	-	NO	NO
<b>Meets FDA Code of Federal Regulations Part 177.1680 AND 177.2600</b>	-	YES	YES