Clear-Flex SDX™


ABRASION RESISTANCE ★★★★★ OUTSTANDING
TEARING RESISTANCE ★★★★ ○ EXCELLENT
FLEX FATIGUE RESISTANCE ★★★★ ○ EXCELLENT
OIL/GREASE* ★★★ O GOOD
WEATHERING ★★★★ ○ EXCELLENT
RESISTANCE TO WATER ABSORPTION ★★★★ ○ EXCELLENT
ACID (DILUTE)* ★★★ O GOOD
ACID (CONCENTRATED)* ★★★★★ POOR
CHLORINATED HYDROCARBON* ★★★★★★ GOOD

OPERATING TEMPERATURE 0˚ TO 223˚ F / -18˚ C TO 106˚ C

PROPERTY ENG MET ASTM
SPECIFIC GRAVITY 1.12 1.12 D792
TENSILE STRENGTH 3060 PSI 3060 PSI D792
ULTIMATE ELONGATION 590% 590% D412
TEAR STRENGTH, DIE C 460.0 LBS/IN² 460.0 LBS/IN² D624
HARDNESS SHORE A, 10S DELAY 90 90 D2240
TABER ABRASION MG LOSS: H-18, 1000G LOAD @ 1000 CYCLES 39 MG 39 MG D5963-96
COMPARABLE 55A NEOPRENE RUBBER TABER RESULT 137 MG 137 MG D5963-96
SURFACE RESISTANCE1 1.4 X 10⁸ OHM/SQ 1.4 X 10⁶ OHM/SQ D257
STATIC DECAY MIL-PRF-81705D, 5KV TO 50V, 12% RH 0.50 SECONDS 0.50 SECONDS FTMS101C 4046.1

1. SURFACE RESISTANCE: 1.4 X 10⁸ IS BASED ON TESTING PER IEC STANDARD PRACTICE FOR ATEX COMPLIANCE. RESULTS MAY VARY ON HUMIDITY, TEMPERATURE, AND SAMPLE PREPARATION.

Clear-Flex SDX surpasses ATEX requirements for static dissipation. Complies with both FDA and EC standards for direct food contact, while retaining flexibility, exceptional clarity and outstanding durability.

Disclaimer: The data provided is intended as a guide only and should not be interpreted as a warranty. It is not intended to be used to determine the suitability of the product for any specific customer application. Siftex strongly suggests that each customer thoroughly test the prospective product in their own manufacturing facility to determine the actual suitability of the product in their specific application.