

8 ADVANTAGES OF REPLACING SILICONE POTTING WITH POLYURETHANES

MORE ECONOMICAL POLYMER:
lower cost of raw materials and application processes

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02

LOWER WATER VAPOR PERMEABILITY:
offers better protection of sensitive components against water migration causing corrosion

REDUCED OUTGASSING:
polyurethanes utilize different raw materials resulting in lower outgassing

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OPTIMAL OPERATING TEMPERATURE RANGE:
from -60°C to 150°C, with short excursions into higher temps

BETTER BOND STRENGTH:
dependable adhesion to substrates and casings

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IMPROVED PHYSICAL ATTRIBUTES:
higher strength, elongation and abrasion resistance

BETTER CHEMICAL RESISTANCE:
stands up to exposure to more chemical compounds

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WIDER FORMULATION LATITUDE:
polyurethanes can be formulated as soft as a silicone gel and as rigid as a highly cross-linked epoxy