

ARMORHOSE™ TPV



TRANSFORMING THE FUTURE OF HOSE TECHNOLOGY

A second generation ArmorHose™ design that utilizes a customized TPV material yielding a light weight end-to-end abrasion resistant solution

ARMORHOSE™ TPV IN FLUID TRANSFER SYSTEMS

FEATURES

- Up to 50% Mass Reduction Versus EPDM
- Elimination of Abrasion Sleeves
- Inherently Non-Conductive
- Resistance to Particulate Contamination
- Enables Over-Mold Joint Technology
- Supports Multiple Connection Technologies

TARGET APPLICATIONS

- 135°C Maximum
- Engine Coolant Hoses
- Radiator Coolant Hoses
- EV/HEV Battery cooling
- Degas Hoses



“ARMORHOSE™ TPV IS AN INHERENTLY NON-CONDUCTIVE MATERIAL SOLUTION THAT OFFERS SUPERIOR WEIGHT REDUCTION AND END-TO-END ABRASION RESISTANCE.”

The Technology

HARNESSING MATERIAL INNOVATION

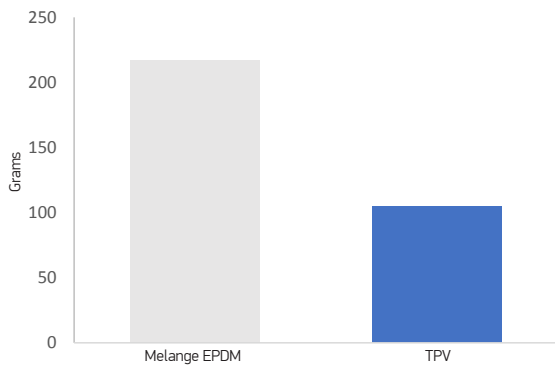
Significant Weight Reduction versus EPDM
Equivalent Abrasion Performance with End-to-end Protection
Superior Resistance to Conductivity



GAME-CHANGING PERFORMANCE

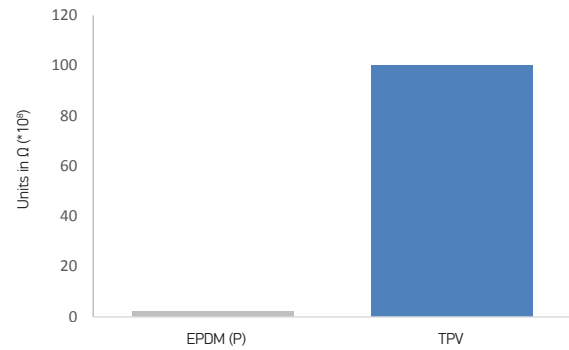
WEIGHT COMPARISON

48% lighter than EPDM



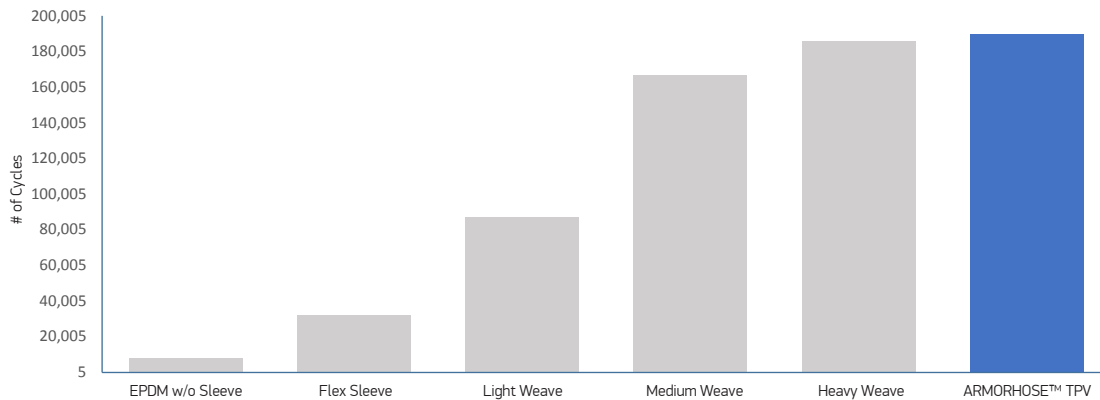
CONDUCTIVITY

An order of magnitude performance improvement



ABRASION RESISTANCE

Eliminates the need for abrasion sleeves



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