

Customer: Tier 1 Supplier
Application: eMobility, Battery Cooling
Part: Welded Multi Crimp Rings

OUTSTANDING SEALING PERFORMANCE ON A CHALLENGING MATERIAL



CHALLENGE

A major Tier 1 supplier needed to achieve safe sealing of a TPV hose line within the battery's cooling circuit of an electric passenger vehicle from a leading OEM. High leak pressure requirements together with the hard TPV material (80-90 Shore) were unique challenges.



SOLUTION

Oetiker Welded Multi Crimp Rings have proven their superior sealing capability on traditional EPDM hoses for cooling applications for decades. One of the first cases where our MCR could show their excellent suitability for sealing of new and hard TPV materials for a high-volume application.



RESULTS

Oetiker Welded Multi Crimp Rings perfectly solved this sealing challenge and provided ultimate space and weight efficiency for EV applications together with tamper resistance.



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