



Lifetime of Trelleborg EPDM seals

1. Scope:

The lifetime of our Trelleborg EPDM seals in use has been determined according ISO 11346.

For the determination of the lifetime the stress relaxation of the EPDM seals was tested according ISO 3384.

The chosen threshold value as the degree of degradation that is the maximum acceptable for the property being tested and the end use is 50% of the initial value (see ISO 11346, section 6).

2. Normative References:

ISO 11346: Rubber, vulcanized or thermoplastic -- Estimation of lifetime and maximum temperature of use

ISO 3384: Rubber, vulcanized or thermoplastic -- Determination of stress relaxation in compression at ambient and at elevated temperatures

3. Conclusion:

Based on the results of the tests we can conclude that the lifetime of our Trelleborg EPDM seals in use is 380 years.