

ABSTRACT

SEAL AND PROTECTIVE SHIELD

A sealing device for use in a sealing gland in a first body to form a seal between the first body and a second body. The sealing gland has a bottom surface and first and second
5 side surfaces extending from the bottom surface. The sealing device includes a seal body having, when the seal body is uncompressed and viewed in cross-section, a generally uppermost portion and a generally lowermost portion. The seal body includes a first material which is at least partially deformable. The first material is generally disposed at least partially along the generally uppermost portion and at least partially along the generally lowermost portion thereof.
10 The first material contacts the bottom surface of the sealing gland when the seal body is inserted into and at least partially disposed within the sealing gland. A second material is harder than the first material. The second material is disposed generally along at least a portion of a lateral side of the seal body, when the seal body is viewed in cross-section, to form a shield. Wherein when the seal body is positioned within the sealing gland and is compressed the seal is formed between
15 the first body and the second body by the first material and an additional seal is formed by the shield for extending the operational life of the sealing device while preventing fluid flow between the first body and the second body.

This Sheet Has Been Replaced

