

Automotive seals - Oil seals for axles

Radial shaft seals are used to seal rotary elements, such as a shaft or rotating bore. Common examples

The seal construction will consist of a sprung main sealing lip which has a point contact with the shaft. T

In order to exclude contaminants numerous types of dust lips or exclusionary lips may be used. Common

A different seal design for similar applications is a rotating face seal.

Freudenberg-NOK is currently the one of the major leaders in shaft seals, supplying shaft seals to all ma

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Type	Ref	Materail	Photo
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Without protective lip
A shape
ally from NBR, sometime from F



nd ACM.



With protective lip
AS shape
ally from NBR, sometime from F



nd ACM.



Metal without protective lip
B shape
ally from NBR, sometime from F



nd ACM.



Metal with protective lip

BS shape

ally from NBR, sometime from F and ACM.



Metal, closed

without protective lip

C shape

ally from NBR, sometime from F and ACM.



Metal, closed

with protective lip

CS shape

ally from NBR, sometime from F and ACM.



Oil seals for axles

A/BS shape

ally from NBR, sometime from F and ACM.



Oil seals for axles

AS/BS shape

ally from NBR, sometime from F and ACM.



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