

PROPERTIES & PHYSICAL FEATURES

These couplings are manufactured in various metals, with different end connections like, Female / Male Threaded, Hose Shank, Flange End, Socket / Butt Weld End.

METALS OF ASSEMBLY

BODY	BALLS	SPRINGS	VALVES
Brass	SS.304	SS.304	Brass
SS.304	SS.304	SS.304	SS.304
SS.316	SS.316	SS.316	SS.316
Carbon Steel	Carbon Steel	SS.	Carbon Steel

SEAL MATERIAL

Selecting the right seal material depends on which fluid type and temperature range is used listed below. This will greatly influence the life of the couplings. The standard seal material is nitrile rubber.

RUBBER	OPERATING TEMPERATURE	RECOMMENDED APPLICATION
NITRILE	-20°C TO +90°C	OIL RESISTANT
NEOPRENE	-20°C TO +100°C	FREON / OZONE RESISTANT
EPDM	-20°C TO +120°C	STEAM RESISTANT
SILICON	-20°C TO +180°C	DRY HEAT
VITON	-20°C TO +220°C	HEAT AND /OR CHEMICAL
TEFLON	-40°C TO +260°C	HIGHTEMPERATURE

QUALITY CONTROL

Each AVLOK Coupling manufactured goes through stringent quality control, right from the procurement of raw material upto final stage.

PRECAUTION

- Avoid connecting or disconnecting a coupling under pressure.
- Residual pressure in a coupling may make it difficult to connect. In such a case, do not strike the valve end to depressurize it.
- Improper selection of seal rubber may cause leakage.
- Dust or flaws in the seal may cause leakage.
- Improper selection or improper use of the products can cause personal injury and property damage.

All dimensions are for reference only, and are subject to change without prior notice.
Sizes and types other than those featured above are available on request.