

gasket for flange
ASME B 16.21 type IBC

[short name: ANSI-FD-V*](#)

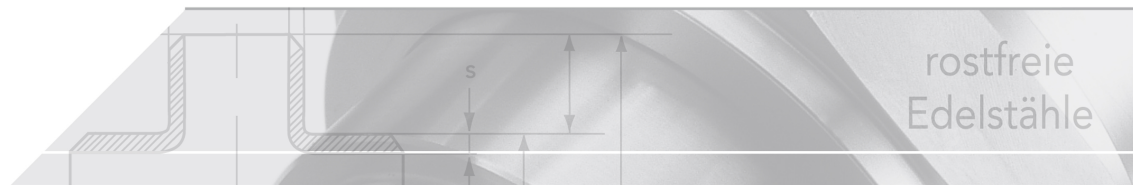


technical product sheet

lbs	Shore	Zoll	S	D	d	Art.-Nr.
150	65	2"	2,0	105	60	ANSI-FD-200L150-V
150	75	1/2"	2,0	48	21	ANSI-FD-012L150-V
150	75	3/4"	2,0	57	27	ANSI-FD-034L150-V
150	75	1"	2,0	67	33	ANSI-FD-100L150-V
300	75	1/2"	2,0	54	21	ANSI-FD-012L300-V
300	75	1"	2,0	73	33	ANSI-FD-100L300-V
300	75	1 1/2"	2,0	95	49	ANSI-FD-112L300-V

available material: ask

Flanges > other > gaskets > ASME/ ANSI > elastomer > FKM/ FPM (Viton®)



Viton® - black

Fluorine rubber (FKM/FPM)

Viton® is a registered trademark of DuPont™.

It possesses very good weathering resistance and excellent thermal aging resistance.

Available in thicknesses from 1 - 8 mm.

Elastomer selection

Technical data

designation	hardness	density	temperature	strength	elongation to br
EPDM 50	50 Shore A	1,06 g/cm ³	-40 to +100°C	9 MPa	500%
EPDM 65	65 Shore A	1,20 g/cm ³	-40 to +130°C	7 MPa	300%
NBR 65	65 Shore A	1,45 g/cm ³	-20 to + 70°C	5 MPa	200%
Hypalon	70 Shore A	1,47 g/cm ³	-30 to +120°C	8 MPA	180%
Viton	75 Shore A	2,00 g/cm ³	-10 to +275°C	9 MPA	340%

Resistance

designation	ozone	oil	acid	bases
EPDM 50	+	-	+	+
EPDM 65	++	-	+	+
NBR 65	-	++	-	-
Hypalon	++	+	++	++
Viton	++	++	+	+

The qualities listed above can only be used at low inner pressures. The specifications are guidelines and not assured properties and must in be examined based on the particular mounting situation.