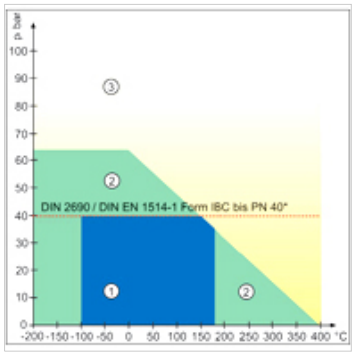
FD C4400
Flat seal

Properties

Design	Universal high-pressure seal for a wide range of sectors
Application	food processing drinking water supply Chemical industry
Construction type	ultra high-performance standard
Approval	DIN-DVGW approval, BAM-, HTB approved, KTW recommended, WRC approval
Media	Oil Water Steam Gases Saline solutions Fuels Alcohols organic and inorganic acids hydrocarbons Lubricants Refrigerants
Material	aramid fibres, bonded with NBR





Note

Tolerances:
longitudinal dimension according to DIN 7715 - Part 5 P2,
thickness according to DIN 7715 - Part 5 P3,
surface seals according to DIN 2690 are only standardized to PN 40 bar

Description

Technical values for 2 mm thickness:
- compressibility ASTM F36 A = 11%
- resilience ASTM F36 A = 55 %
- creep resistance under load DIN 52913 = 25 MPA (50 MPA, 16 h / 300 °C)
- creep resistance under load BS 7531 = 23 MPA
- Thinning at 23 °C = 10 %
- Thinning at 300 °C = 22 %
- leak tightness according to DIN 3535/6 = 0.2 ml/min
- anti-corrosion aptitude (chloride content soluble) = 150 ppm
- Thickness change according to ASTM F 146 (oil JRM 903: 5 h / 23 °C) = 3 %
- Thickness change according to ASTM F 146 (fuel B: 5 h / 23 °C) = 5 %
- density = 1.6 g/cm3

Item

Identification	D (mm)	d (mm)	S (mm)
FD 15-11-1 C4400	15,0	11,00	1,00
FD 41-33.2-2 C4400	41,0	33,20	3,00
FD 55-41-1.5 C4400	55,0	41,00	1,50
FD 60-20-3 C4400	60,0	20,00	3,00
FD 62-45-2 C4400	62,0	45,00	2,00
FD 70-45-3 C4400	70,0	45,00	3,00
FD 77-60-2 C4400	77,0	60,00	2,00
FD 82-66-1 C4400	82,0	66,00	3,00
FD 85-70-0.5 C4400	85,0	70,00	0,50
FD 90-40-3 C4400	90,0	40,00	3,00
FD 100-50-3 C4400	100,0	50,00	3,00
FD 105-65-3 C4400	105,0	65,00	3,00
FD 110-75-2 C4400	110,0	75,00	2,00
FD 110-85-3 C4400	110,0	85,00	3,00
FD 140-121-1.5 C44	140,0	121,00	1,50
FD 140-121-1.5 C4400	140,0	121,00	1,50
FD 152-115-2 C4400	152,0	115,00	2,00
FD 190-125-3 C4400	190,0	125,00	3,00
FD 220-150-3 C4400	220,0	150,00	3,00
FD 270-200-3 C4400	270,0	200,00	3,00
FD 280-162-2 C4400	280,0	162,00	2,00

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.

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Flat seal

HANSA-FLEX

Item

Identification	D (mm)	d (mm)	S (mm)
FD 310-295-0.5 C44	310,0	295,00	0,50
FD 310-295-0.5 C4400	310,0	295,00	0,50
FD 320-250-3 C4400	320,0	250,00	3,00
FD 380-300-3 C4400	380,0	300,00	3,00
FD 380-325-2 C4400	380,0	325,00	3,00
FD 485-400-3 C4400	485,0	400,00	3,00
FD 540-490-3 C4400	540,0	490,00	3,00
FD 570-500-3 C4400	570,0	500,00	3,00
FD 590-500-3 C4400	590,0	500,00	3,00
FD 680-600-3 C4400	680,0	600,00	3,00
FD 800-670-3 C4400	800,0	670,00	3,00
FD 1080-1010-3 C44	1080,0	1010,00	3,00
FD 1080-1010-3 C4400	1080,0	1010,00	3,00

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