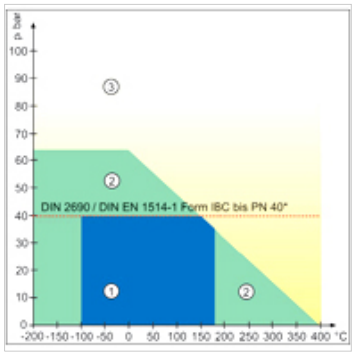
FD C4400
Flat seal

HANSA-FLEX

Properties

Design	Universal high-pressure seal for a wide range of sectors
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
Application	food processing drinking water supply Chemical industry





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 70-45-3 C4400	70,0	45,00	3,00
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 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
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

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

FD C4400
Flat seal

HANSA-FLEX

Item

Identification	D (mm)	d (mm)	S (mm)
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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