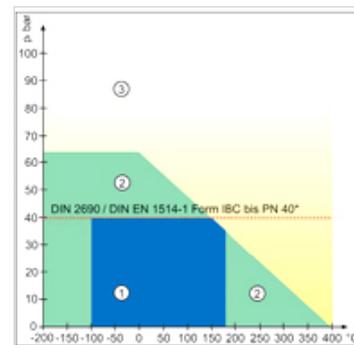


FD C4400

Flat seal

| 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 |



FD C4400

Flat seal

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 |