

The cast malleable iron compression fittings OF

clamping on both sides

For steel pipes: DIN EN 10255 (formerly DIN 2440/2441), DIN 2442 and DIN 2448/DIN 2458 Series 1, ISO 65

- **Fluids:** Water, Gas (outside buildings), Compressed air, Heating oil up to 2" (follow TRBF!)
- **Temperatures:** Drinking water: up to 25 °C; Heating water: up to 80 °C; Gas: -20 to +60 °C; Oil: 40 °C



17.2 mm – 60.3 mm:

- **Pressure stages:** Water PN 10 (up to 3/4") respectively PN 16 (from 1"), Gas PN 5, Compressed air PN 12.5, Oil PN 6, VdS PN 12.5

■ **Tests:**

Water: W534, DVGW-Reg.-No.: DW-8511AU2216

Gas: DIN 3387-1, DVGW-Reg.-No.: NG-4502AP1454

VdS-tested from DN 25 (Fire extinguisher lines); Heating oil: Building approval DIBT, App.-No.: Z-38.4-212



76.1 mm – 114.3 mm:

- **Pressure stages:** Water PN 16, Gas PN 5, Compressed air PN 10

■ **Tests:** Water: W534, DVGW-Reg.-No.: DW-8511AU2217

Gas: DIN 3387-1, DVGW-Reg.-No.: NG-4502AP1491; VdS-tested (Fire extinguisher lines)

DN	Pipe Outer-Ø	
	[mm]	Item No.
10	17.2 x 17.2 (3/8")	01.150.02.00
15	21.3 x 21.3 (1/2")	01.150.02.01
20	26.9 x 26.9 (3/4")	01.150.02.02
25	33.7 x 33.7 (1")	01.150.02.03
32	42.4 x 42.4 (1 1/4")	01.150.02.04
40	48.3 x 48.3 (1 1/2")	01.150.02.05
50	60.3 x 60.3 (2")	01.150.02.06
65	76.1 x 76.1 (2 1/2")	01.220.02.07
80	88.9 x 88.9 (3")	01.220.02.08
100	114.3 x 114.3 (4")	01.220.02.09

For black steel pipes: DIN 2448 and 2458 Series 2 and 3

- **Fluids:** Water, Compressed air, Heating oil only 57 mm (follow TRBF!)
- **Temperatures:** Heating water: up to 80 °C, Oil 40 °C



20 mm – 63.5 mm:

- **Pressure stages:** Water PN 6, Compressed air PN 12.5, Oil PN 6

■ **Tests:** Heating oil: for 57 mm Building approval DIBT, App.-No.: Z-38.4-212



70 mm – 108 mm:

- **Pressure stages:** Water PN 6, Compressed air PN 10

DN	Pipe Outer-Ø	
	[mm]	Item No.
15	20.0 x 20.0	02.150.02.20
20	25.0 x 25.0	02.150.02.25
25	31.8 x 31.8	02.150.02.318
32	38.0 x 38.0	02.150.02.38
32	44.5 x 44.5	02.150.02.445
40	51.0 x 51.0	02.150.02.51
50	57.0 x 57.0	02.150.02.57
50	63.5 x 63.5	02.150.02.635
65	70.0 x 70.0	02.220.02.70
100	108.0 x 108.0	02.220.02.108

For PE-pipes: PE80, PE100, PE-Xa-pipe conforming to DVGW – Worksheet GW 355 A2/A3 DIN 8074/75 and DIN 16893



20 mm – 63 mm:

- **Fluids:** Water, Gas, Compressed air

■ **Pressure stages:**

Water: PE80 and PE-Xa PN 12.5, PE100 PN 16

Gas: PE100 PN 10, PE80 PN 4, PE-Xa PN 8

Compressed air: PE80 and PE-Xa PN 10, PE100 PN 12.5

■ **Tests:** DVGW – Test standard VP 600

DVGW – Reg.No. DV – 7501BL0525



75 mm – 110 mm:

- **Fluids:** Water, Compressed air

- **Pressure stages:** Water PN 10, Compressed air PN 10

The use of support sleeves is necessary (see page 39).

DN	Pipe Outer-Ø	
	[mm]	Item No.
Steel-PE-Transitions:		
15	21.3 x 20	03.154.02.0120
20	26.9 x 25	03.154.02.0225
25	33.7 x 32	03.154.02.0332
32	42.4 x 38	03.154.02.0438
32	42.4 x 40	03.154.02.0440
40	48.3 x 50	03.154.02.0550
50	60.3 x 63	03.154.02.0663
65	76.1 x 75	03.220.02.0775
80	88.9 x 90	03.220.02.0890
100	114.3 x 110	03.220.02.09110
PE-PE-Transitions:		
15	20 x 20	03.155.02.20
20	25 x 25	03.155.02.25
25	30 x 30	03.155.02.30
25	32 x 32	03.155.02.32
32	38 x 38	03.155.02.38
32	40 x 40	03.155.02.40
40	50 x 50	03.155.02.50
50	63 x 63	03.155.02.63
65	75 x 75	03.220.02.75
80	90 x 90	03.220.02.90
100	110 x 110	03.220.02.110