

# ESSER PRODUCT SPECIFICATIONS

Model	Type	Stress Level of Wear	Diameter	Wall Thickness	Hardness	Inlet	Outlet	Maximum Working Pressure	Weight (filled with concrete)	Weight (net)
<b>BOOM PIPE</b>										
Pro-5	Single Layer	Normal	DN 4.8" (125mm)	4.50mm	up to 57 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	29.20 lbs/ft (43.40kg/m)	102.90 lbs/9.84 ft (46.70kg/3.00m)
4.8" (125mm) Twin Pipe 500	Twin Pipe 500	Normal	DN 4.8" (125mm)	4.50mm (2.50+2.00)	up to 63 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	29.63 lbs/ft (44.10kg/m)	99.45 lbs/9.84 ft (45.11kg/3.00m)
4.8" (125mm) Twin Pipe 660	Twin Pipe 660	High	DN 4.8" (125mm)	4.00mm (2.00+2.00)	up to 63 HRc	Hardened Steel	Hardened Steel	1233 psi (85 bar)	28.89 lbs/ft (43.00kg/m)	91.49 lbs/9.84 ft (41.50kg/3.00m)
4.8" (125mm) Twin Pipe 660 - 4.50mm Wall	Twin Pipe 660	High	DN 4.8" (125mm)	4.50mm (2.50+2.00)	up to 63 HRc	Hardened Steel	Hardened Steel	1233 psi (85 bar)	29.63 lbs/ft (44.10kg/m)	102.29 lbs/9.84 ft (46.40kg/3.00m)
4.4" (112mm) Big Mouth	Twin Cast 900	Extreme	DN 4.4" (112mm)	4.00mm (2.00+2.00)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	24.19 lbs/ft (36.00kg/m)	82.67 lbs/9.84 ft (37.50kg/3.00m)
4.4" (112mm) Big Mouth XL	Twin Cast 900	Extreme	DN 4.4" (112mm)	4.00mm (2.00+2.00)	up to 67 HRc	Big Mouth XL Inlet Flange	Standard Twin Cast 900 Flange	1233 psi (85 bar)	24.19 lbs/ft (36.00kg/m)	88.63 lbs/9.84 ft (40.20kg/3.00m)
4.6" (117mm) Big Mouth	Twin Cast 900	Extreme	DN 4.6" (117mm)	3.50mm (2.00+1.50)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	24.93 lbs/ft (37.10kg/m)	79.15 lbs/9.84 ft (35.90kg/3.00m)
4.6" (117mm) Big Mouth XL	Twin Cast 900	Extreme	DN 4.6" (117mm)	3.50mm (2.00+1.50)	up to 67 HRc	Big Mouth XL Inlet Flange	Standard Twin Cast 900 Flange	1233 psi (85 bar)	24.93 lbs/ft (37.10kg/m)	83.11 lbs/9.84 ft (37.70kg/3.00m)
4.8" (125mm) Big Mouth	Twin Cast 900	Extreme	DN 4.8" (125mm)	4.50mm (3.00+1.50)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	28.76 lbs/ft (42.80kg/m)	101.85 lbs/9.84 ft (46.20kg/3.00m)
4.8" (125mm) Big Mouth XL	Twin Cast 900	Extreme	DN 4.8" (125mm)	4.50mm (3.00+1.50)	up to 67 HRc	Big Mouth XL Inlet Flange	Standard Twin Cast 900 Flange	1233 psi (85 bar)	28.76 lbs/ft (42.80kg/m)	102.51 lbs/9.84 ft (46.50kg/3.00m)
<b>DECK PIPE</b>										
4.8" (125mm) Twin Pipe 660	Twin Pipe 660	High	DN 4.8" (125mm)	8.60mm (5.60+3.00)	up to 63 HRc	Hardened Steel	Hardened Steel	1233 psi (85 bar)	38.23 lbs/ft (56.90kg/m)	180.56 lbs/9.84 ft (81.90kg/3.00m)
4.6" (117mm) Twin Cast 900	Twin Cast 900	Extreme	DN 4.6" (117mm)	7.80mm (6.30+1.50)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	32.84 lbs/ft (48.87kg/m)	164.90 lbs/9.84 ft (74.80kg/3.00m)
4.8" (125mm) Twin Cast 900	Twin Cast 900	Extreme	DN 4.8" (125mm)	8.60mm (5.60+3.00)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	38.23 lbs/ft (56.90kg/m)	190.48 lbs/9.84 ft (86.40kg/3.00m)
<b>ELBOWS 90-DEGREES</b>										
4.8" (125mm) Manganese Cast 500	Manganese Cast 500	Normal	DN 4.8" (125mm)	0.63" (16mm)	-	Machined Ends	Machined Ends	1233 psi (85 bar)	63.93 lbs (29.00kg)	35.27 lbs (16.00kg)
4.8" (125mm) Twin Pipe 660	Twin Pipe 660	High	DN 4.8" (125mm)	11.00mm (7.00+4.00)	up to 63 HRc	Hardened Steel	Hardened Steel	1233 psi (85 bar)	19.55 lbs (29.10kg)	34.39 lbs (15.60kg)
4.4" (112mm) Lightweight Twin Cast 900	Twin Cast 900	Extreme	DN 4.4" (112mm)	7.00mm (5.00+2.00)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	47.18 lbs (21.40kg)	23.59 lbs (10.70kg)
4.6" (117mm) Lightweight Twin Cast 900	Twin Cast 900	Extreme	DN 4.6" (117mm)	7.00mm (5.00+2.00)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	49.82 lbs (22.60kg)	24.69 lbs (11.20kg)
4.8" (125mm) Lightweight Twin Cast 900	Twin Cast 900	Extreme	DN 4.8" (125mm)	7.00mm (5.00+2.00)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	53.35 lbs (24.20kg)	25.35 lbs (11.50kg)
4.8" (125mm) Impact Elbow Twin Cast 900	Twin Cast 900	Extreme	DN 4.8" (125mm)	14.00mm (12.00+2.00)	up to 67 HRc	Big Mouth Flange	Big Mouth Flange	1233 psi (85 bar)	60.63 lbs (27.50kg)	33.82 lbs (15.34kg)