

580N

PERFORMANCE EXCEEDS SAE 100R8



General applications

#											
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	
580N-4	6	-04	6.3	1/4	15.4	345	5,000	1380	20,000	51.0	0.16
580N-6	10	-06	9.5	3/8	19.3	275	4,000	1100	16,000	64.0	0.22
580N-8	12	-08	12.7	1/2	22.3	240	3,500	960	14,000	102.0	0.31
580N-10	16	-10	15.9	5/8	24.9	190	2,750	760	11,000	152.0	0.32
580N-12	20	-12	19.1	3/4	29.5	155	2,250	620	9,000	203.0	0.35
580N-16	25	-16	25.4	1	37.6	140	2,000	560	8,000	254.0	0.56

APPLICATIONS

High pressure service for general industrial and mobile hydraulic applications as well as with gases. Suitable for a wide variety of fluids due to the polyamide core tube.

FEATURES

- High abrasion resistance
- High flexibility
- Low weight
- Excellent chemical resistance due to polyamide core tube

CONSTRUCTION

Core tube: Polyamide.
Pressure reinforcement: Multiple braided layers of high tensile synthetic fibre.
Cover: Polyurethane, pinpricked.
Colour: Black.

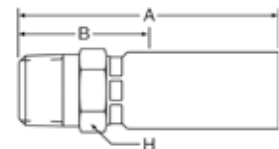
TEMPERATURE RANGE

-40°C up to +100°C for petroleum or synthetic hydraulic fluids.

FITTINGS

National pipe tapered (NPT) male: Galvanised steel with transparent Cr(IV)-free plating. Other materials available on request.

#						A	B		
	DN	size	mm	inch					
10158-2-3	5	-03	4.8	3/16	1/8 - 27 NPTF	51.0	26.0	14.0	345
10158-4-3	5	-03	4.8	3/16	1/4 - 18 NPTF	55.0	30.0	17.0	345
10158-6-3	5	-03	4.8	3/16	3/8 - 18 NPTF	54.0	29.0	19.0	275
10158-2-4	6	-04	6.4	1/4	1/8 - 27 NPTF	54.0	22.0	17.0	345
10158-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	62.0	30.0	17.0	345
10158-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	61.0	29.0	19.0	275
10158-4-5	8	-05	7.9	5/16	1/4 - 18 NPTF	59.0	27.0	17.0	345
10158-6-5	8	-05	7.9	5/16	3/8 - 18 NPTF	61.0	29.0	19.0	275
10158-4-6	10	-06	9.5	3/8	1/4 - 18 NPTF	66.0	30.0	19.0	345
10158-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275
10158-8-6	10	-06	9.5	3/8	1/2 - 14 NPTF	77.0	40.0	27.0	240
10158-6-8	12	-08	12.7	1/2	3/8 - 18 NPTF	71.0	30.0	22.0	275
10158-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240
10158-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	82.0	36.0	30.0	210
10158-16-16	25	-16	25.4	1	1 - 11 1/2 NPTF	104.0	44.0	41.0	170



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.



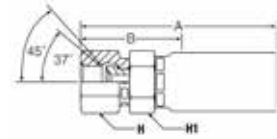
580N

PERFORMANCE EXCEEDS SAE 100R8

THERMOPLASTIC - MEDIUM PRESSURE

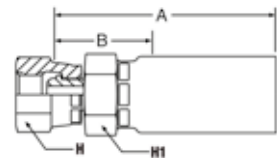
SAE (JIC) female swivel: Galvanised steel with transparent Cr(IV)-free plating.
For stainless steel (AISI 316) add C to the part number. Other materials available on request.

#						A	B			
	DN	size	mm	inch						
10658-4-3	5	-03	4.8	3/16	7/16 - 20 UNF	55.0	30.0	17.0	16.0	410
10658-5-3	5	-03	4.8	3/16	1/2 - 20 UNF	57.0	32.0	17.0	16.0	410
10658-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	410
10658-5-4	6	-04	6.4	1/4	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10658-6-4	6	-04	6.4	1/4	9/16 - 18 UNF	67.0	35.0	19.0	17.0	345
10658-5-5	8	-05	7.9	5/16	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10658-6-5	8	-05	7.9	5/16	9/16 - 18 UNF	65.0	33.0	19.0	16.0	345
10658-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345
10658-8-6	10	-06	9.5	3/8	3/4 - 16 UNF	72.0	35.0	24.0	19.0	345
10658-6-8	12	-08	12.7	1/2	9/16 - 18 UNF	76.0	35.0	19.0	22.0	345
10658-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	22.0	22.0	345
10658-10-8	12	-08	12.7	1/2	7/8 - 14 UNF	82.0	41.0	27.0	22.0	345
10658-12-8	12	-08	12.7	1/2	1 1/16 - 12 UNF	83.0	42.0	32.0	27.0	345
10658-12-12	20	-12	19.0	3/4	1 1/16 - 12 UNF	88.0	42.0	32.0	30.0	345
10658-16-12	20	-12	19.0	3/4	1 5/16 - 12 UNF	90.0	44.0	38.0	36.0	275
10658-16-16	25	-16	25.4	1	1 5/16 - 12 UNF	104.0	44.0	38.0	36.0	275



BSP Female swivel 60° cone: Galvanised steel with transparent Cr(IV)-free plating.
Other materials available on request.

#						A	B			
	DN	size	mm	inch						
19258-4-3	5	-03	4.8	3/16	G 1/4	53.0	28.0	19.0	17.0	630
19258-4-4	6	-04	6.4	1/4	G 1/4	58.0	26.0	19.0	17.0	630
19258-6-5	8	-05	7.9	5/16	G 3/8	59.0	27.0	22.0	19.0	550
19258-6-6	10	-06	9.5	3/8	G 3/8	64.0	27.0	22.0	19.0	550
19258-8-8	12	-08	12.7	1/2	G 1/2	72.0	31.0	27.0	24.0	430
19258-10-8	12	-08	12.7	1/2	G 5/8	75.0	32.0	30.0	27.0	375
19258-12-12	20	-12	19.0	3/4	G 3/4	81.0	35.0	32.0	32.0	350
19258-16-16	25	-16	25.4	1	G 1	99.0	39.0	41.0	36.0	280



Please Note: Variety of fittings in mild steel or stainless steel available, other fittings available on request.
We reserve the right to make technical changes without notice.