

# 540N

## PERFORMANCE EXCEEDS SAE 100R7



### General applications

#													Kg kg/m
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm			
540N-2	3	-02	3.2	1/8	8.4	175	2,500	690	10,000	13.0	0.05		
540N-3	5	-03	4.8	3/16	10.7	210	3,000	830	12,000	19.0	0.08		
540N-4	6	-04	6.3	1/4	12.6	190	2,750	760	11,000	38.0	0.10		
540N-5	8	-05	7.9	5/16	14.6	175	2,500	690	10,000	44.0	0.12		
540N-6	10	-06	9.5	3/8	16.4	155	2,250	620	9,000	51.0	0.14		
540N-8	12	-08	12.7	1/2	20.1	140	2,000	560	8,000	76.0	0.21		
540N-12	20	-12	19.1	3/4	26.5	85	1,250	345	5,000	152.0	0.25		

### APPLICATIONS

Medium pressure service for general industrial and mobile hydraulic applications. Especially suitable when an improved chemical resistance is required with some hydraulic / chemical fluids.

### FEATURES

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

### CONSTRUCTION

**Core tube:** Polyamide.  
**Pressure reinforcement:** One braided layer of high tensile synthetic fibre.  
**Cover:** Polyurethane, pinpricked.  
**Colour:** Black.

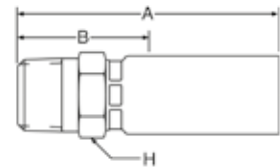
### TEMPERATURE RANGE

-40°C up to +100°C.

### 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					
10155-2-3	5	-03	4.8	3/16	1/8 - 27 NPTF	51.0	26.0	14.0	345
10155-4-3	5	-03	4.8	3/16	1/4 - 18 NPTF	55.0	30.0	17.0	345
10155-6-3	5	-03	4.8	3/16	3/8 - 18 NPTF	54.0	29.0	19.0	275
10155-2-4	6	-04	6.4	1/4	1/8 - 27 NPTF	54.0	22.0	17.0	345
10155-4-4	6	-04	6.4	1/4	1/4 - 18 NPTF	62.0	30.0	17.0	345
10155-6-4	6	-04	6.4	1/4	3/8 - 18 NPTF	61.0	29.0	19.0	275
10155-4-5	8	-05	7.9	5/16	1/4 - 18 NPTF	59.0	27.0	17.0	345
10155-6-5	8	-05	7.9	5/16	3/8 - 18 NPTF	61.0	29.0	19.0	275
10155-4-6	10	-06	9.5	3/8	1/4 - 18 NPTF	66.0	30.0	19.0	345
10155-6-6	10	-06	9.5	3/8	3/8 - 18 NPTF	70.0	33.0	19.0	275
10155-8-6	10	-06	9.5	3/8	1/2 - 14 NPTF	77.0	40.0	27.0	240
10155-6-8	12	-08	12.7	1/2	3/8 - 18 NPTF	71.0	30.0	22.0	275
10155-8-8	12	-08	12.7	1/2	1/2 - 14 NPTF	77.0	36.0	27.0	240
10155-12-12	20	-12	19.0	3/4	3/4 - 14 NPTF	82.0	36.0	30.0	210



**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.



# 540N

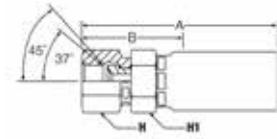
## PERFORMANCE EXCEEDS SAE 100R7

THERMOPLASTIC - MEDIUM PRESSURE

**SAE (JIC) 37° 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.

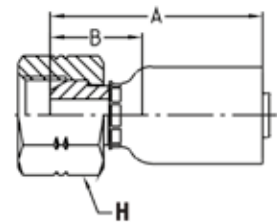
#						A	B			
	DN	size	mm	inch						
10655-4-2	3	-02	3.2	1/8	7/16 - 20 UNF	44.0	27.0	16.0	13.0	410
10655-4-3	5	-03	4.8	3/16	7/16 - 20 UNF	55.0	30.0	17.0	16.0	410
10655-5-3	5	-03	4.8	3/16	1/2 - 20 UNF	57.0	32.0	17.0	16.0	410
10655-4-4	6	-04	6.4	1/4	7/16 - 20 UNF	65.0	33.0	17.0	17.0	410
10655-5-4	6	-04	6.4	1/4	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10655-6-4	6	-04	6.4	1/4	9/16 - 18 UNF	67.0	35.0	19.0	17.0	345
10655-5-5	8	-05	7.9	5/16	1/2 - 20 UNF	65.0	33.0	17.0	16.0	410
10655-6-5	8	-05	7.9	5/16	9/16 - 18 UNF	65.0	33.0	19.0	16.0	345
10655-8-5	8	-05	7.9	5/16	3/4 - 16 UNF	68.0	37.0	22.0	19.0	345
10655-6-6	10	-06	9.5	3/8	9/16 - 18 UNF	69.0	33.0	19.0	19.0	345
10655-8-6	10	-06	9.5	3/8	3/4 - 16 UNF	72.0	35.0	24.0	19.0	345
10655-6-8	12	-08	12.7	1/2	9/16 - 18 UNF	76.0	35.0	19.0	22.0	345
10655-8-8	12	-08	12.7	1/2	3/4 - 16 UNF	79.0	38.0	22.0	22.0	345
10655-10-8	12	-08	12.7	1/2	7/8 - 14 UNF	82.0	41.0	27.0	22.0	345
10655-12-8	12	-08	12.7	1/2	1 1/16 - 12 UNF	83.0	42.0	32.0	27.0	345
10655-12-12	20	-12	19.0	3/4	1 1/16 12 UNF	88.0	42.0	32.0	30.0	345



**BSP Female swivel 60° cone:** Galvanised steel with transparent Cr(IV)-free plating.

Other materials available on request.

#						A	B		
	DN	size	mm	inch					
19256-4-3	5	-03	4.8	3/16	G 1/4	37.0	19.0	19.0	630
19256-2-4	6	-04	6.4	1/4	G 1/8	43.0	18.0	14.0	350
19256-4-4	6	-04	6.4	1/4	G 1/4	44.0	20.0	19.0	630
19256-6-4	6	-04	6.4	1/4	G 3/8	44.0	20.0	22.0	550
19256-4-5	8	-05	7.9	5/16	G 1/4	45.0	20.0	19.0	630
19256-6-5	8	-05	7.9	5/16	G 3/8	45.0	20.0	22.0	550
19256-6-6	10	-06	9.5	3/8	G 3/8	45.0	20.0	22.0	550
19256-8-6	10	-06	9.5	3/8	G 1/2	47.0	22.0	27.0	430
19256-8-8	12	-08	12.7	1/2	G 1/2	51.0	22.0	27.0	430
19256-10-8	12	-08	12.7	1/2	G 5/8	49.0	22.0	30.0	375
19256-12-12	20	-12	19.0	3/4	G 3/4	58.0	24.0	32.0	350
19256-16-16	25	-16	25.4	1	G 1	73.0	26.0	41.0	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.

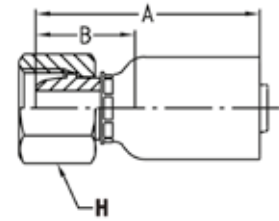
# 540N

## PERFORMANCE EXCEEDS SAE 100R7



**Metric female swivel 24°/60°:** Galvanised steel with transparent Cr(IV)-free plating.  
Other materials available on request.

#						A	B		
	DN	size	mm	inch					
1C356-6-3	5	-03	4.8	3/16	M12 x 1.5	37.0	20.0	14.0	250
1C356-8-4	6	-04	6.4	1/4	M14 x 1.5	44.0	20.0	17.0	250
1C356-10-4	6	-04	6.4	1/4	M16 x 1.5	45.0	21.0	19.0	250
1C356-10-5	8	-05	7.9	5/16	M16 x 1.5	46.0	20.0	19.0	250
1C356-12-5	8	-05	7.9	5/16	M18 x 1.5	47.0	21.0	22.0	250
1C356-10-6	10	-06	9.5	3/8	M16 x 1.5	46.0	20.0	19.0	250
1C356-15-8	12	-08	12.7	1/2	M22 x 1.5	50.0	23.0	27.0	250
1C356-18-12	20	-12	19.0	3/4	M26 x 1.5	58.0	24.0	32.0	160
1C356-22-12	20	-12	19.0	3/4	M30 x 2	57.0	24.0	36.0	160



THERMOPLASTIC - MEDIUM PRESSURE



**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.