

2556/2565 Low Pressure **SOCKETLESS™** Textile Braid

Meets performance requirements SAE 30R2 Type 1



# Part Number	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Minimum Burst Pressure		Minimum Bend Radius		Vacuum Service		Weight of Hose	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	Kg/m	lbs/ft
2556-4	6,4	0.25	12,4	0.49	25,0	360	99,0	1440	76,2	3.00	94,8	28	0,12	0.08
2556-6	9,7	0.38	15,7	0.62	21,0	300	84,0	1200	76,2	3.00	94,8	28	0,18	0.12
2556-8	12,7	0.50	19,1	0.75	21,0	300	84,0	1200	127,0	5.00	94,8	28	0,24	0.16
2556-10	16,0	0.63	23,1	0.91	17,0	250	70,0	1000	152,4	6.00	61,0	18	0,31	0.21
2556-12	19,1	0.75	26,2	1.03	17,0	250	70,0	1000	177,8	7.00	61,0	18	0,37	0.25
2565-4	6,4	0.25	12,7	0.50	21,0	300	87,0	1250	57,2	2.25	67,7	20	0,13	0.09
2565-6	9,7	0.38	16,0	0.63	17,0	250	70,0	1000	76,2	3.00	67,7	20	0,16	0.11
2565-8	12,7	0.50	19,8	0.78	14,0	200	52,0	750	95,3	3.75	33,9	10	0,25	0.17
2565-10	16,0	0.63	24,6	0.97	12,0	175	49,0	700	120,7	4.75	33,9	10	0,42	0.28
2565-12	19,1	0.75	27,7	1.09	8,5	125	35,0	500	139,7	5.50	33,9	10	0,45	0.30

Construction

Synthetic rubber tube, textile braid reinforcement, synthetic rubber cover.

Operating Temperature Range

2556: -40°C to +100°C [-40°F to +212°F]. Water not to exceed +66°C [+150°F], air not to exceed +160°C [+71°F].

2565: -54°C to +121°C [-65°F to +250°F]. Water not to exceed +66°C [+150°F], air not to exceed +74°C [+165°F].

Application

For gasoline, fuel and lubricating oils, air and water. Not recommended for hydraulic impulse applications and not approved for airbrake applications. For more information on specific fluid applications and high temperature ratings, see pages 349-355.

2565 is a low-temperature synthetic rubber covered MIL-DTL-13444 Type 1, Class A hose.

For Complete Agency Listings

See pages 346-348.

Fitting Reference Page

Reusable	
Fitting	176

FC619 Flexible 1/2 SAE Bend Wire Inserted Suction



Exceeds SAE 100R4

# Part Number	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Minimum Burst Pressure		Minimum Bend Radius		Vacuum Service		Weight of Hose	
	mm	in	mm	in	bar	psi	bar	psi	mm	in	kPa	in/Hg	Kg/m	lbs/ft
FC619-12	19,1	0.75	30,7	1.21	21,0	300†	84,0	1200	63,5	2.50	94,8	28	0,68	0.46
FC619-16	25,4	1.00	37,6	1.48	17,0	250†	70,0	1000	76,2	3.00	94,8	28	0,83	0.56
FC619-20	31,8	1.25	44,5	1.75	14,0	200†	56,0	800	102,0	4.00	94,8	28	1,16	0.78
FC619-24	38,1	1.50	51,8	2.04	10,5	150†	42,0	600	127,0	5.00	94,8	28	1,49	1.00
FC619-32	50,8	2.00	64,8	2.55	7,0	100†	28,0	400	152,4	6.00	94,8	28	1,83	1.23
FC619-40	63,5	2.50	79,2	3.12	4,0	62	17,0	250	355,6	14.00	94,8	28	2,35	1.58
FC619-48	76,2	3.00	95,3	3.75	4,0	62	16,0	225	457,2	18.00	94,8	28	3,36	2.26

Construction

Synthetic rubber tube, reinforcement consisting of a helical wire between two textile reinforcement layers and synthetic rubber cover.

Operating Temperature Range

-40°C to +135°C [-40°F to +275°F]

Application

Suction and transfer applications for petroleum hydraulic fluids, fuel, lubricating oils, gasoline, water and many other industrial fluids. For more information on specific fluid applications and high temperature ratings, see pages 349-355.

† Maximum working pressure for band clamp type fittings is 3,4 bar [50 psi].

NOTE: -40 and -48 sizes require special tooling for crimp fittings. Contact Eaton for information.

For Complete Agency Listings

See pages 346-348.

Fitting Reference Page

Crimp	
OTC	66
TTC	66
-40, -48	133
Socket Data	64
Reusable	
Nipple	66
Clamps	184