

PERFORMANCES

Size	Max.Fullow Suggested		Connect Torque		Disconnect Torque		Spillage
	l/min	GPM	Nm	lbf ft	Nm	lbf ft	ml
1/4"	22	5.81	0.7	0.52	0.4	0.30	0.70
3/8"	38	10.04	0.9	0.66	0.4	0.30	1.0
1/2"	59	15.59	1.4	1.03	1.1	0.81	3.0
3/4"	75	19.81	2.4	1.77	2.1	1.55	5.0
1"	214	56.54	2.6	1.92	2.1	1.55	50.0

Size	Max.Operating Pressure						Burst Pressure					
	Coupled		Male		Female		Coupled		Male		Female	
	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi	MPa	psi
1/4"	50	7252	50	7252	50	7252	150	21755	130	18854	150	21755
3/8"	48	6962	48	6962	48	6962	140	20305	110	15954	130	18854
1/2"	45	6527	45	6527	45	6527	140	20305	110	15954	110	15954
3/4"	41	5947	41	5947	41	5947	90	13053	90	13053	90	13053
1"	38	5511	38	5511	38	5511	90	13053	90	13053	90	13053

Fluid:OIL ISO VG46

Temperature:40°C

Viscosity:41.4-50.6 mm²/s

- Spillage is an indicative value of the fluid loss during disconnection
- Connect torque and disconnect torque without residual pressure.
- The torque will increase as internal residual pressure increases

Temperature Range:

Seals in NBR (Nitrile): From -20°C to +100°C (-4°F to +121°F)

Upon request seals in VITON[®]:From -15°C TO +180°C (+5°F to +356°F)

Tests Performed:

The couplings have been tested at maximum operating pressure for 500.000 impulses according to ISO 18869:2017

Test Pressure:5.0 Bar

Test in Accordance:ISO 18869:2017