

Underbalanced Drilling Hose Technical Data

Standard:	API 7K
API Monogram No:	7K-0106
Tube:	Polymer liner, HNBR inner rubber layer, oil resistance, corrosion resistance, high temperature resistance, gas permeation resistance
Reinforcement:	High Strength Steel Cable
Cover:	Neoprene rubber based cover, fire-proof, wear resistance, oil resistance, ozone ageing resistant and ultraviolet light and applicable to marine environment.
Working temp:	-25°C to + 100°C
Length:	Maximum length: 70m
Length tolerance:	6.4m ± 64 mm and below, length longer than 6.4m tolerance ± 1%
Fire proof Standard:	Hose meets fire proof grade SR6A, which is 704°C × 5min Fire-Rated Hose supplied as per request with extra fire protection layers, meets fire proof grade SR6B, which is 704°C × 30min as per API 16C.
Bend Radius:	Measured to centre line of the hose
External Protection Layer:	Embedded electric heat trace cable is available upon request for low temperature operating condition. Different option of external protection layer is available on request or by our recommendation according to individual operation condition, for example, stainless steel armour outer wrap, embedded stainless steel wire in cover, or polyethylene spiral guard, etc.

Type	Internal Diameter		Outside Diameter		Working Pressure		Test Pressure		Safety	MBR (Storage)	MBR (Operation)	Weight	Length Max
	(inch)	(mm)	(inch)	(mm)	(bar)	(psi)	(bar)	(psi)	Factor	(m)	(m)	(Kg/m)	(m)
UDG-SZ-51x34.5	2	51	4.17	106	345	5,000	690	10,000	2.5	0.8	0.9	10	70
UDG-SZ-64x34.5	2 ½	64	4.6	118	345	5,000	690	10,000	2.5	0.9	1.0	16	70
UDG-SZ-64x51.7	2 ½	64	5.35	136	517	7,500	1,034	15,000	2.5	1.0	1.2	23	70
UDG-SZ-76x34.5	3	76	5.28	134	345	5,000	690	10,000	2.5	1.0	1.2	18	70
UDG-SZ-76x51.7	3	76	5.98	152	517	7,500	1,034	15,000	2.5	1.1	1.3	32	70
UDG-SZ-89x34.5	3 ½	89	5.75	138	345	5,000	690	10,000	2.5	1.2	1.4	22	70
UDG-SZ-89x51.7	3 ½	89	6.57	167	517	7,500	1,034	15,000	2.5	1.3	1.5	37	70
UDG-SZ-102x34.5	4	102	6.8	173	345	5,000	690	10,000	2.5	1.3	1.5	35	70
UDG-SZ-102x51.7	4	102	7.08	168	517	7,500	1,034	15,000	2.5	1.4	1.6	41	70
UDG-SZ-127x34.5	5	127	8.11	206	345	5,000	690	10,000	2.5	1.5	1.6	54	70
UDG-SZ-127x51.7	5	127	8.66	220	517	7,500	1,034	15,000	2.5	1.5	1.7	68	70

