

Mud Hose Technical Data

Standard:	API 7K FSL 2
API Monogram No:	7K-0106
Tube:	NBR Smooth Bore
Reinforcement:	High Strength Steel Cable
Cover:	Neoprene based rubber for anti-flaming, wear resistance, oil resistance, ozone & ageing resistance, UV resistance, designed for marine environment.
Working temp:	-25 to + 100° C
Length:	Maximum length: 70m
Length tolerance:	Length up to 6.4m, with tolerance ± 64 mm; Length longer than 6.4m with tolerance $\pm 1\%$
Fire proof Standard:	Standard hoses meet fire proof grade SR6A, which is 704°C x 5min Fire-Rated Hoses supplied as per request with extra fire protection layers, meets fire proof grade SR6B, which is 704°C x 30 min as per API 16C
Bend Radius:	Measured to centre line of the hose Embedded electric heat trace cable is available upon request for low temperature operating condition.
Options over standard hose:	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	API Grade	Internal Diameter		Outside Diameter		Working Pressure		Test Pressure		Fire Rated 30mins	Safety Factor	FSL	MBR(storage) (m)	MBR(operation) (m)	Weight Kg/m	Length Max (m)
		(inch)	(mm)	(inch)	(mm)	(bar)	(psi)	(bar)	(psi)							
NJG-SZ-51x34.5	D	2	51	3.58	91	345	5,000	517	7,500	No	2.5	FSL2	0.8	0.9	11.24	70
NNG-SZ-51x34.5	D	2	51	4.17	106	345	5,000	517	7,500	Yes	2.5	FSL2	0.8	0.9	15	70
NJG-SZ-64x34.5	D	2.5	64	4.06	103	345	5,000	517	7,500	No	2.5	FSL2	0.8	0.9	13	70
NNG-SZ-64x34.5	D	2.5	64	4.65	118	345	5,000	517	7,500	Yes	2.5	FSL2	0.8	0.9	16	70
NJG-SZ-76x34.5	D	3	76	4.72	120	345	5,000	517	7,500	No	2.5	FSL2	1.1	1.2	18	70
NNG-SZ-76x34.5	D	3	76	5.28	134	345	5,000	517	7,500	Yes	2.5	FSL2	1.1	1.2	20	70
NJG-SZ-89x34.5	D	3.5	89	5.28	134	345	5,000	517	7,500	No	2.5	FSL2	1.2	1.3	21	70
NNG-SZ-89x34.5	D	3.5	89	5.75	146	345	5,000	517	7,500	Yes	2.5	FSL2	1.2	1.3	25	70
NJG-SZ-102x34.5	D	4	102	6.3	160	345	5,000	517	7,500	No	2.5	FSL2	1.2	1.4	35	70
NNG-SZ-102x34.5	D	4	102	6.8	173	345	5,000	517	7,500	Yes	2.5	FSL2	1.2	1.4	38	70
NJG-SZ-127x34.5	D	5	127	7.52	191	345	5,000	517	7,500	No	2.5	FSL2	1.4	1.5	51	70
NNG-SZ-127x34.5	D	5	127	8.07	205	345	5,000	517	7,500	Yes	2.5	FSL2	1.4	1.5	56	70
NJG-SZ-152x34.5	D	6	152	8.82	224	345	5,000	517	7,500	No	2.5	FSL2	1.6	1.8	57	70
NNG-SZ-51x51.7	E	2	51	4.06	103	517	7,500	776	11,250	No	2.5	FSL2	1.1	1.2	19	70
NJG-SZ-64x51.7	E	2.5	64	4.88	124	517	7,500	776	11,250	No	2.5	FSL2	1.1	1.2	28	70
NNG-SZ-64x51.7	E	2.5	64	5.35	136	517	7,500	776	11,250	Yes	2.5	FSL2	1.1	1.2	31	70
NJG-SZ-76x51.7	E	3	76	5.43	138	517	7,500	776	11,250	No	2.5	FSL2	1.2	1.3	31	70
NNG-SZ-76x51.7	E	3	76	5.98	152	517	7,500	776	11,250	Yes	2.5	FSL2	1.2	1.3	35	70
NJG-SZ-89x51.7	E	3.5	89	5.94	151	517	7,500	776	11,250	No	2.5	FSL2	1.3	1.4	38	70
NNG-SZ-89x51.7	E	3.5	89	6.57	167	517	7,500	776	11,250	Yes	2.5	FSL2	1.3	1.4	42	70
NJG-SZ-102x51.7	E	4	102	6.61	168	517	7,500	776	11,250	No	2.5	FSL2	1.4	1.5	44	70
NNG-SZ-102x51.7	E	4	102	7.17	182	517	7,500	776	11,250	Yes	2.5	FSL2	1.4	1.5	50	70
NJG-SZ-127x51.7	E	5	127	8.03	204	517	7,500	776	11,250	No	2.5	FSL2	1.5	1.6	64	70
NNG-SZ-127x51.7	E	5	127	8.58	218	517	7,500	776	11,250	Yes	2.5	FSL2	1.5	1.6	69	70
NJG-SZ-152x51.7	E	6	152	9.76	248	517	7,500	776	11,250	No	2.5	FSL2	1.6	1.8	92	70