

# Cement Hose Technical Data

<b>Standard:</b>	API 7K FSL 0
<b>API Monogram No:</b>	7K-0106
<b>Tube:</b>	CR Rubber Smooth Bore
<b>Reinforcement:</b>	High Strength Steel Cable
<b>Cover:</b>	Neoprene based rubber for anti-flaming, wear resistance, oil resistance, ozone & ageing resistance, UV resistance, designed for marine environment.
<b>Working temp:</b>	-25 to + 100° C
<b>Length:</b>	Maximum length: 70m
<b>Length tolerance:</b>	Length up to 6.4m, with tolerance $\pm 64$ mm; Length longer than 6.4m with tolerance $\pm 1\%$
<b>Fire proof Standard:</b>	Standard hoses meet fire proof grade SR6A, which is 704°C $\times$ 5min Fire-Rated Hoses supplied as per request with extra fire protection layers, meets fire proof grade SR6B, which is 704°C $\times$ 30 min as per API 16C
<b>Bend Radius:</b>	Measured to centre line of the hose Embedded electric heat trace cable is available upon request for low temperature operating condition.
<b>Options over standard hose:</b>	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		Fire Rated 30 mins	Safety Factor	FSL	MBR (storage) (m)	MBR (operation) (m)	Weight Kg/m	Length Max (m)
	(inch)	(mm)	(inch)	(mm)	(bar)	(psi)	(bar)	(psi)							
SNG-SZ-51×69	2	51	4.06	103	690	10,000	1,034	15,000	No	2.25	FSL0	1.1	1.2	19	70
NSG-SZ-51×69	2	51	4.69	119	690	10,000	1,034	15,000	Yes	2.25	FSL0	1.1	1.2	22.7	70
SNG-SZ-64×69	2.5	64	4.94	125.5	690	10,000	1,034	15,000	No	2.25	FSL0	1.2	1.3	29	70
NSG-SZ-64×69	2.5	64	5.57	141.5	690	10,000	1,034	15,000	Yes	2.25	FSL0	1.2	1.3	33	70
SNG-SZ-76×69	3	76	5.98	152	690	10,000	1,034	15,000	No	2.25	FSL0	1.3	1.4	45	70
NSG-SZ-76×69	3	76	6.5	165	690	10,000	1,034	15,000	Yes	2.25	FSL0	1.3	1.4	48.5	70
SNG-SZ-102×69	4	102	6.42	163	690	10,000	1,034	15,000	No	2.25	FSL0	1.4	1.5	41	70
NSG-SZ-102×69	4	102	6.93	176	690	10,000	1,034	15,000	Yes	2.25	FSL0	1.4	1.5	44	70
SNG-SZ-51×103.4	2	51	4.57	116	1,034	15,000	1,552	22,500	No	2.25	FSL0	1.3	1.4	27	70
NSG-SZ-51×103.4	2	51	5.08	129	1,034	15,000	1,552	22,500	Yes	2.25	FSL0	1.3	1.4	30	70
SNG-SZ-64×103.4	2.5	64	5.91	150	1,034	15,000	1,552	22,500	No	2.25	FSL0	1.4	1.5	48	70
NSG-SZ-64×103.4	2.5	64	6.42	163	1,034	15,000	1,552	22,500	Yes	2.25	FSL0	1.4	1.5	51	70
SNG-SZ-76×103.4	3	76	6.61	168	1,034	15,000	1,552	22,500	No	2.25	FSL0	1.5	1.6	59	70
NSG-SZ-76×103.4	3	76	7.13	181	1,034	15,000	1,552	22,500	Yes	2.25	FSL0	1.5	1.6	62	70

