Flexible Choke & Kill Line

Application:
Flexible connection in choke and kill manifolds, carrying oil-gas mixtures that contain hydrogen sulfide (H2S) and other dangerous gases, and water-based, oil-based and foam kill fluids, under high pressure. Full bore; integral union or integral flange ends.

Tube:
HNBR/UPE

Reinforcement:
Multi-spiraled high tensile super flexible steel wire

Cover:
High temperature and fire resistant synthetic rubber (resistant to 704°C open fire for 30 minutes), with a stainless steel armor protective layer

Size range:
2" – 4" (51 mm – 102 mm)

Working pressure:
5,000–15,000 PSI by class

Temperature:
-20°F/+250°F (-29°C/+121°C)

Best for:
Choke and kill manifolds, including H2S service

Marking:



ID		OD		WORKING PRESSURE		PROOF PRESSURE		BURST PRESSURE		BEND RADIUS		WEIGHT	
in	mm	in	mm	PSI	bar	PSI	bar	PSI	bar	in	mm	lb/ft	kg/m
2"	51	3.5	89	5000	345	7500	517	11250	776	39.37	1000	6.42	9.55
3"	76	4.53	115	5000	345	7500	517	11250	776	47.24	1200	10	14.88
3½"	89	5.24	133	5000	345	7500	517	11250	776	55.12	1400	13.51	20.11
4"	102	5.79	147	5000	345	7500	517	11250	776	62.99	1600	20.27	30.17
2"	51	3.78	96	10000	689	15000	1034	22500	1551	47.24	1200	10.14	15.09
2½"	64	4.96	126	10000	689	15000	1034	22500	1551	62.99	1600	16.89	25.14
3"	76	5.51	140	10000	689	15000	1034	22500	1551	62.99	1600	22.3	33.19
4"	102	6.57	167	10000	689	15000	1034	22500	1551	70.87	1800	35.14	52.3
2"	51	3.98	101	15000	1034	22500	1551	33750	2327	55.12	1400	14.19	21.12
3"	76	5.71	145	15000	1034	22500	1551	33750	2327	62.99	1600	27.7	41.22
4"	102	7.01	178	15000	1034	22500	1551	33750	2327	78.74	2000	41.22	61.34

Pressure classes: 5,000, 10,000 and 15,000 PSI.