

Riser Tensioner Hose



STANDARD

API Spec. 17K

CONSTRUCTION

Bore type

full flow, smooth, rough bore

Liner material

H₂S resistant HNBR

Operating temperature

-22°F to 158°F (-30°C to 70°C)

Max. available length

60m (200 ft)

FEATURES & COMMENTS

- › Used for transporting hydraulic fluid between gas filled accumulators and large hydraulic cylinders. Although they are not in direct contact with pressurized gas, the hydraulic fluid will invariably contain dissolved gas after some time, even in configurations with pistons between the gas and the liquid phase. There is a clear risk that this dissolved gas can cause collapse of the hose liner and ultimate failure following decompression. Since API 7K does not include gas exposure testing, it should not be considered for riser tensioner hose applications.
- › Oil and glycol resistant liner



TECHNICAL DATA

Inside Diameter		Bore	Type	Rated Working Pressure		Test Pressure		Safety Factor	Outer Diameter		MBR (storage)		MBR (dynamic)		Weight	
mm	in.			bar	psi	bar	psi		WP	mm	in.	m	ft.	m	ft.	kg/m
150	6.0	Smooth	Fire rated	207	3,000	310	4,500	2.5	237	9.33	1.55	5.08	1.8	5.90	53	35.6
207	8.0	Rough	Fire rated	345	5,000	517	7,500	2.25	331	13.0	2.4	7.9	3.2	10.5	139	93