



Meets SAE 100R7 specification

APPLICATIONS

- Recommended for use with fully refrigerated conveyants down to -50°C. (-59°F) in road, railroad, in-plant and ship to shore application including the following

- Ammonia
- Ethylchloride
- Acetaldehyde
- Methyl acetylene
- Butadiene
- Methyl bromide
- Butane/propane
- Propane
- Butane
- Propadien
- Butylene
- Propylene
- Dimethylamine
- Vinyl
- Ethylamine
- Chloride

Also suitable for:
Liquid ethylene at 105°C(-157°F)
Liquid ethane at -88°C (-126°F)

WORKING PRESSURE

- 150 thru 350 psi (acc. to sizes)

TEMPERATURE

- -50°C(-58°F) to +50°C(+122°F)

SAFETY FACTOR

- 5:1

MAX. LENGTH

- 65feet (20 meter)

COMPLIES WITH

- BS EN13766 : 2010

TECHNICAL DATA

Code	Service	Inner Wire	Tube	Colour
0050	Cryogenic	Stainless steel 316	Polyamide	White

*Rope lagging upon request

I.D Ø		Working Pressure		Min Bend Radius		Approx. Weight	
(inch)	(mm)	(psi)	(bar)	(inch)	(mm)	(lbs/ft)	(kg/m)
1-1/2	38	350	25	7	175	1,10	1,50
2	50	350	25	7-1/2	185	1,55	2,30
2-1/2	63	350	25	9-1/2	240	2,15	3,20
3	75	350	25	11	280	2,95	4,40
4	102	300	21	20	500	4,95	7,30
5	125	300	21	24	610	7,75	11,50
6	152	300	21	26	660	9,45	14,00
8	204	200	14	37	940	12,45	18,90
10	254	150	10	75	1905	15,00	23,00