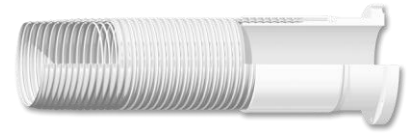


Composite Hose Cryoflex® 50

Applications

This type is recommended for the safe transfer of fully refrigerated conveyants down to -50°C (58°F) in road and railroad, implant and ship to shore applications including the following:



Ammonia	Butane	Ethyl chloride	Propadien
Acetaldehyde	Butylene	Methylacetylene	Propylene
Butadiene	Dimethylamine	Methyl bromide	Vinyl-Chloride
Butane/Propane	Ethylamine	Propane	

Also suitable for:

Liquid Ethylene at -105°C (-157°F) Liquid Ethane at - 88°C (-126°F)

Technical description

Lining	: Polyamide
Inner Wire	: Stainless Steel 316
Outer Wire	: Stainless Steel 316
Cover	: Polyamide, White
Temperature range	: -50°C to +50°C
Electrical properties	: Electrically conductive
Accordinging standard	: EN13766:2018, IGC Code
Type Approval	: BV cert. nr. 03415/I0 for sizes 4", 6", 8"

Physical properties

Maximum elongation : 10% on test pressure
Vacuum range : 0,9 bar

End Fittings

Specially designed end fittings have been developed for use with Amniflex Composite hoses, including threaded ends, flanged ends and other connections. By means of a hydraulic operated press, a ferrule is externally swaged onto the hose to secure the hose shank and guarantee a leak proof connection between hose and fitting. All ferrules are welded to the end fitting before swaging for even safer operating conditions.

Technical data: Type Cryoflex® 50

Inside Diameter		Working Pressure		Min. Bend Radius		Approx. Weight		Max. length	
inches	mm	psi	Bar	inches	mm	lbs/ft	kg/m	ft.	m
1	25	350	25	6	150	0,60	1,20	65	20
1 ½	38	350	25	7	175	1,10	1,50	65	20
2	50	350	25	7 ½	185	1,55	2,30	65	20
2 ½	65	350	25	9 ½	240	2,15	3,20	65	20
3	80	350	25	11	280	2,95	4,40	65	20
4	100	300	21	20	500	4,95	7,30	65	20
5	125	300	21	24	610	7,75	11,50	65	20
6	150	300	21	26	660	9,45	14,00	65	20
8	200	200	15	37	940	12,75	18,90	65	20
10	250	150	10	75	1905	15,00	23,00	50	15

Safety factor acc. to EN 13766:2018

All information in this document is without any obligation, specifications subject to change without any notice.

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Al onze aanbiedingen en leveranties geschieden volgens onze algemene leveringsvoorwaarden.

