

Chemicals

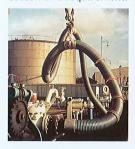
Product Specifications

PRODUCT RANGE		Chemiflex -Standard		Chemiflex Chemiflex -Heavy -Heavy			Chemifle -PTFE Stan		Chemiflex d -PTFE Heavy	
Colour		Grey		Grey	Green/Ora	ange stripe	e Light Blu	ie	Green	
Code		3091/095	51PG	3161/0998PG	4161/0	0969SG	4121/0946SG	PTFE417	1/0969SG/PTFE	
Temperatui	res	-20° to +	80°C	-20° to +80°c	-20° to) +80°C	-30° to +10	00°C -3	0° to +100°C	
CONSTRUC	CTION									
Inner Wire		Polypropylene		Polypropylene	316 Stainless		316 Stainl	ess 3	316 Stainless	
		Covered Steel		Covered Steel	Steel		Steel		Steel	
Wall Mater	ials		Polyr	neric fabrics an	d films sel	ected for r	esistance and	strength		
Outer Wire		Galvanised	Steel G	Galvanised Steel	Galvani	ised Steel	Galvanised S	Steel Ga	alvanised Steel	
Nominal Internal Diameter		Max Working Pressure		Min Bend Radius		١	Veight		lax Manufacturing Lengths	
mm	ins	bar	p.s.i.g	mm	ins	kg/m	lb/ft	m	ft	
CHEMIF	LEX - ST	ANDARD	(3091/09	951PG)						
25	1	14	200	100	4	0.9	0.6	20	66	
38	11/2	14	200	127	5	1.2	0.8	20	66	
50	2	14	200	178	7	1.8	1.2	20	66	
65	21/2	14	200	178	7	2.5	1.7	20	66	
75	3	14	200	203	8	3.0	2.0	20	66	
100	4	14	200	304	12	4.3	2.9	20	66	
CHEMIF	LEX - HE	EAVY (316	1/0998P	'G)						
100	4	14	200	400	16	6.5	4.3	20	66	
150	6	14	200	500	20	11	7.4	24	78	
200	8	14	200	740	29	15	10	15	50	
CHEMIF	LEX - HE	EAVY (416	1/0969P	(G)						
100	4	14	200	400	16	6.5	4.3	20	66	
150	6	14	200	500	20	11	7.4	24	78	
200	8	14	200	740	29	15	10	15	50	
				121/0946SG)						
25	1	14	200	100	4	0.9	0.6	20	66	
'38	$1^{1/2}$	14	200	127	5	1.2	0.8	20	66	
50	2	14	200	178	7	1.8	1.2	20	66	
65	21/2	14	200	178	7	2.5	1.7	20	66	
75	3	14	200	203	8	3.0	2.0	20	66	
100	4	14	200	304	12	4.3	2.9	20	66	
CHEMIF		THE RESERVE OF THE PARTY OF THE	/0969SG	THE REAL PROPERTY AND ADDRESS OF THE PERSON NAMED IN						
100	4	14	200	400	16	6.5	4.3	20	66	
150	6	14	200	500	20	11	7.4	24	78	
200	8	14	200	740	29	15	10	15	50	
250	10	10.5	150	920	36	21	14	12	40	

PIGGING MUST NOT BE USED UNDER ANY CIRCUMSTANCES

Construction

Amnitec chemical transfer hoses are constructed from multi-layers of thermoplastic films, which form a sealing and permeation barrier, supported by fabric layers for mechanical strength. The hose layers are held and tensioned by internal and external steel wire helices, Chemiflex hoses are supplied with factory-fitted end connections to the customer's requirement.





Temperatures

Temperatures are subject to pressure de-rating factors. Higher temperatures are permitted for intermittent use subject to confirmation by Amnitec Technical Department.

Standards

Chemiflex hoses comply with various national and international standards including BS5842 (1980) and US Coast Guard Regulations and can be marked accordingly. Chemiflex Marine 1000 hoses, type approved to IMO Codes BCH and IBC requirements are available on request. All hoses comply to EN13765: 2003.