

Composite Flexible Hoses

Arcflex Special Assemblies

Picture below illustrates a typical composite hose with safety click-loc couplings fitted using security lock swaging system

Hand constructed on mandrels specifically to suit couplings purpose made to Arcflex standards, incorporating laminated films and fabrics held between stainless 316 inner and outer thick robust heavy duty helix wires.

PTFE internal layers robustly constructed with impregnated nylon cloth cover being of standard colour Red with a Yellow stripe.



Features

- For Chemical and Solvent transfer in arduous applications
- Suitable for in-plant transfer, tanker transfer and ship to shore transfer
- End fittings uniquely designed with screwlock tails and security locking swaged ferrules
- Internal swage seals PTFE coated

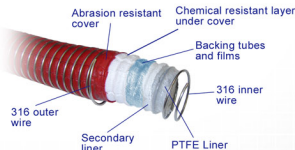
Options

- Other liners available such as polypropylene (ref PPHG), Polyamide or polyester films and fabrics available depending on the application and media
- End fittings machined to internal Ra 0.5 finish (hygenic standard)
- Overbraiding with stainless or polymer braids available
- Colour coding to meet plant specification is available
- 4" to 10" sizes available, see ship to shore hoses

Part No.	Nominal Bore		Min Bend Rad.	Max Pressure		Min Burst Pressure	Weight
	inch	mm		Working	Test		
STHS-25	1"	25	100	18	27	81.0	1.2
STHS-32	1.1/4"	32	120	16	24	72.0	1.4
STHS-40	1.1/2"	40	130	15	23	67.5	1.5
STHS-50	2"	50	165	12	18	54.0	2.8
STHS-65	2.1/2"	65	185	10	15	45.0	3.5
STHS-75	3"	75	360	10	15	45.0	5.0
STHS-100	4"	100	420	10	15	45.0	8.0



Typ. STHS



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