

CHEMICAL SUCTION & DISCHARGE HOSE

Specification	A50, A51, A52, A53, A54 – Hand-built suction and discharge hose.				
Applications	Designed to convey a wide range of chemicals and aggressive fluids.				
Sizes	50mm to 300mm – 12 metres.				
Lining	Smooth bore, mandrel built.				
	Type	Lining		Corrugated cover	
	A50	Gum natural rubber		Red natural rubber	
	A51	EPDM		EPDM	
	A52	Neoprene		Neoprene	
	A53	Hypalon		Neoprene	
	A54	Viton®		Neoprene	
Reinforcement	Multiple layers of synthetic cord plus a single steel wire helix, giving a minimum 3.5:1 safety factor and a minimum 6 x bore size bend radius.				
Working pressure	10 bar			-0.85 bar vacuum	
Physical data	Bore size	Lining	Nom od	Nom	Bend
	Inch mm	mm	mm	Kg/mtr	mm
	2 51	3	73	2.5	306
	3 76	3	99	3.7	456
	4 102	3	125	4.9	606
	5 127	3	150	6.0	762
	6 152	3	180	8.37	912
	7 178	3	206	9.62	1068
	8 203	4.5	237	14.1	1218
	10 254	4.5	291	19.4	1524
	12 305	4.5	342	23.1	1830
Other sizes are available on request					
Coupling systems	Systems where fluids cannot come into contact with metal parts: Integral fixed flanges or beaded end swivel flanges.				