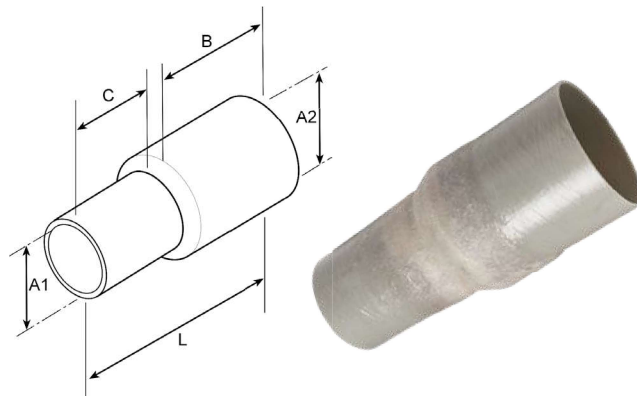
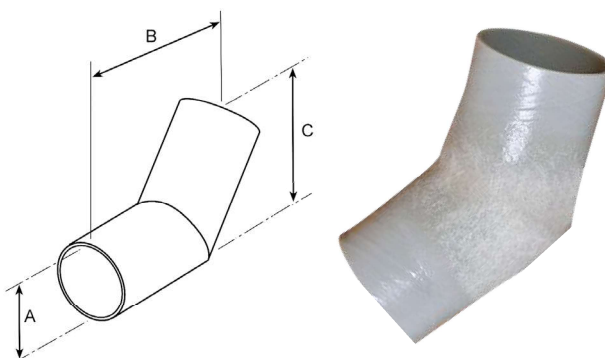


GRP Reducers									
Part No.	Reference	A1 O.D.		A2 O.D.		B	C	L	Weight kg
		inch	mm	inch	mm	mm	mm	mm	
H001442	HA020	2	51	3	76	102	78	205	0.4
H001443	HA035	2.5	63	3	76	102	95	222	0.4
H001444	HA050	3	76	3.5	89	125	102	252	0.5
H001445	HA055	3	76	4	102	142	102	269	0.6
H001446	HA060	3.5	89	4	102	142	125	293	0.7
H001447	HA065	3.5	89	4.5	114	140	125	290	0.9
H001448	HA070	4	102	5	127	158	142	326	1.1
H001449	HA075	4	102	6	152	177	142	370	1.7
H001450	HA095	5	127	6	152	177	158	361	1.8
H001451	HA096	6	152	7	178	240	177	467	1.9
H001452	HA110	6	152	8	203	225	177	452	2.1
H001453	HA115	8	203	10	254	279	225	555	3.5

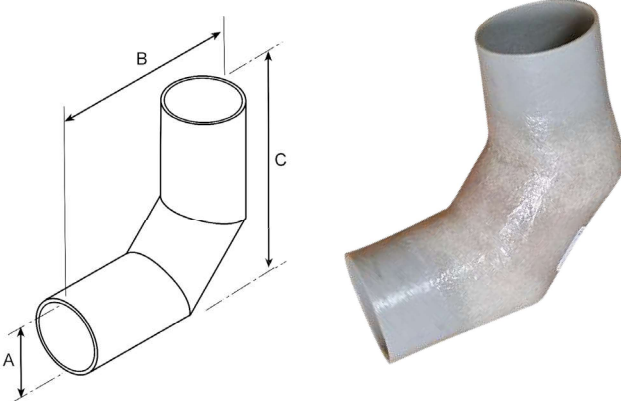
Note: Lloyd's Type Approval is applicable for Halyard GRP products in exhaust system applications.



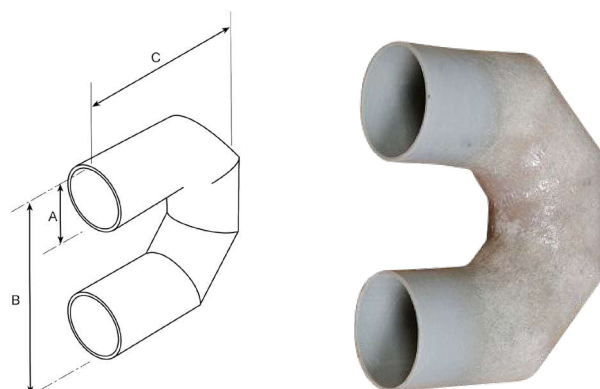
GRP 45° Elbows						
Part No.	Reference	A		B	C	Weight kg
		inch	mm	mm	mm	
H001409	H45025	2	51	161	103	0.2
H001410	H45035	2.36	60	166	111	0.3
H001411	H45040	2.5	63	188	123	0.4
H001412	H45050	3	76	213	142	0.6
H001414	H45055	3.5	89	282	181	0.8
H001415	H45060	4	102	243	173	0.7
H001417	H45065	4.5	114	181	208	1
H001418	H45070	5	127	339	230	1.2
H001419	H45075	6	152	376	263	2
H007270	H45077	7	178	599	374	2.5
H001420	H45080	8	203	710	438	4.5
H001421	H45085	10	254	776	501	5.5



GRP 90° Elbows						
H001422	H90005	1.5	38	121	121	0.3
H001424	H90025	2	51	150	150	0.4
H001425	H90035	2.36	60	158	158	0.5
H001426	H90040	2.5	63	177	177	0.5
H001427	H90050	3	76	197	197	0.8
H001428	H90055	3.5	89	229	229	1
H001429	H90060	4	102	242	242	1.2
H001430	H90065	4.5	114	269	269	1.5
H001431	H90070	5	127	308	308	1.8
H001433	H90075	6	152	358	358	2.5
H001435	H90077	7	178	542	542	4
H001436	H90080	8	203	580	580	5.6
H010290	H90085	10	254	659	659	6.5
H001438	H90090	12	305	762	762	8



GRP 180° Elbows						
H001398	H180015	1.75	44	133	124	0.3
H001399	H180025	2	51	153	154	0.6
H001400	H180035	2.36	60	181	150	0.6
H001401	H180040	2.5	63	192	166	0.7
H001402	H180050	3	76	214	187	1.1
H001403	H180055	3.5	89	268	219	1.6
H001404	H180060	4	102	293	228	1.8
H001405	H180070	5	127	380	310	3
H001406	H180075	6	152	427	327	3.6
H007310	H180080	7	178	531	455	5
H001407	H180085	8	203	684	547	7



Alternative sizes and configurations available on request.