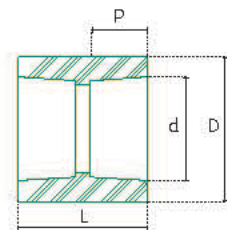


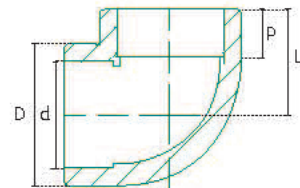
**Tubos**

Código	d	di	e	Área (cm <sup>2</sup> )	Peso (kg/m)
200224	20	14.40	2.80	1.63	0.147
200225	25	18.00	3.50	2.54	0.228
200226	32	23.20	4.40	4.23	0.366
200227	40	29.00	5.50	6.60	0.568
200228	50	36.20	6.90	10.29	0.885
200229	63	45.80	8.60	16.47	1.391
200230	75	54.40	10.30	23.24	1.980
200231	90	65.40	12.30	33.59	2.850
200223	110	79.80	15.1	50.01	4.270



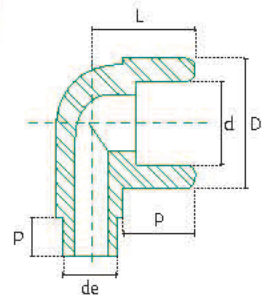
**Cople**

Código	d	D	p	L	Peso
200065	20	29	16	35	12
200066	25	35	18	39	15
200067	32	43	20	42	24
200068	40	53	22	49	44
200069	50	65	26	54	78
200070	63	82	30	64	141
200071	75	100	30	66	236
200072	90	120	33	72	380
200064	110	145	41	88	553



**Codos 90°**

Código	d	D	p	L	Peso
200014	20	29	15	27	19
200015	25	35	18	31	25
200016	32	43	19	35	41
200017	40	52	21	42	75
200018	50	64	24	50	134
200019	63	82	28	61	255
200020	75	100	29	70	455
200021	90	120	33	80	745
200013	110	145	41	95	1181



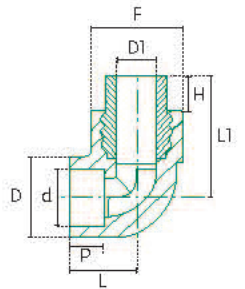
**Codo macho-hembra 90°**

Código	d-de	D	p	L	Peso
200037	20	30	16	27	18
200038	25	34	18	31	23

Referencias: peso de las conexiones en gramos; dimensiones en mm.

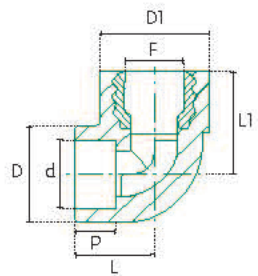
**Codo 90° con rosca macho**

Código	d	x	F	D	D1	p	L	L1	H	Peso
200028	20	x	1/2	30	33	16	27	31	14	100
200029	25	x	1/2	36	40	18	30	37	14	122
200030	25	x	3/4	36	43	18	31	37	17	161
200032	32	x	1/2	43	49	20	35	47	14	171
200033	32	x	3/4	43	49	20	35	47	17	208
200031	32	x	1	43	49	20	35	47	20	296



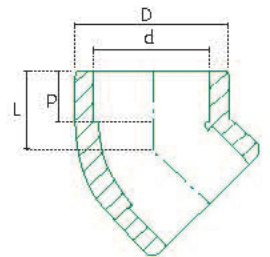
**Codo 90° con rosca hembra**

Código	d	x	F	D	D1	p	L	L1	Peso
200022	20	x	1/2	30	33	16	27	31	74
200023	25	x	1/2	36	40	18	30	37	86
200024	25	x	3/4	36	43	18	31	37	106
200026	32	x	1/2	43	49	20	35	47	135
200027	32	x	3/4	43	49	20	35	47	153
200025	32	x	1	43	49	20	35	47	182



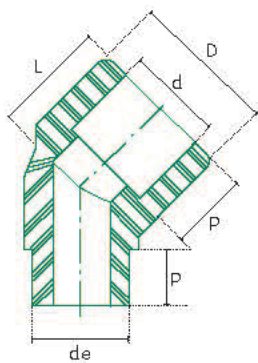
**Codo 45°**

Código	d	D	p	L	Peso
200005	20	29	15	20	14
200006	25	35	18	23	19
200007	32	42	20	27	31
200008	40	52	22	31	54
200009	50	64	24	36	96
200010	63	82	28	44	178
200011	75	100	29	48	345
200012	90	120	33	53	565
200004	110	145	41	51	896



**Codo macho-hembra 45°**

Código	d-de	D	p	L	Peso
200034	20	30	16	20	15
200035	25	34	18	23	21
200036	32	42	20	27	33



Referencias: peso de las conexiones en gramos; dimensiones en mm.