

FISH Socket Fusion Fittings



Advantages at a glance

- ✓ Strong, leak-proof joints
- ✓ Homogenous bond
- ✓ Long-term durability
- ✓ Versatility
- ✓ Cost efficient
- ✓ Products are tested to meet water standards.

Materials

Parts	Material
All fittings	Polyethylene / brass

Description

Homogeneous heat fusion joints for PE pipes and fittings are widely regarded as the preferred method for jointing, owing to their exceptional performance and reliability. The heat fusion process involves heating the jointing surfaces of the pipe and fitting to a specified temperature, followed by the application of controlled force to fuse them together. This applied pressure enables the molten material to flow and blend, forming a cohesive bond. When the fusion is carried out in accordance with established procedures for both the pipe and fitting, the resulting joint is as strong, if not stronger, than the pipe itself in terms of tensile and pressure strength. Consequently, heat fusion joints are considered inherently leak-proof, providing a secure and durable connection.

Fittings specifications

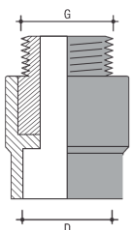


Specification

Material	Polyethylene
Body colour	Black
Joint type	Socket fusion / metallic thread ends
Pressure rating	16 bar @ 20°C
Surge pressure	max 1.5 times
Feature	Heat induced homogenous bonding
Standards	DIN 16963 : Part 5 : 1999, DIN 16963 : Part 8 : 1980, DIN 16963 : Part 9 : 1980, DIN 16963 : Part 10 : 1980, DIN 16963 : Part 14 : 1983
Marking and labeling	To ensure traceability, all fittings are permanently marked with identification during the production process. <ul style="list-style-type: none"> • Brand name • Material and designation • Dimensions

FISH Socket Fusion Fittings

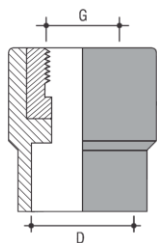
SOCKET FUSION BRASS THREADED FITTINGS (BSPT)



Colour: Black | Water application | PN 16

MALE THREADED ADAPTOR WITH BRASS INSERT

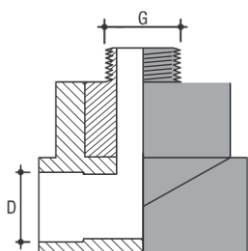
Product Code	D x G [mm / inch]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500209	20 x 1/2"	69	600
07960500210	25 x 1/2"	80	400
07960500211	25 x 3/4"	113	400
07960500212	32 x 3/4"	170	250
07960500213	32 x 1"	178	250



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FEMALE THREADED ADAPTOR WITH BRASS INSERT

Product Code	D x G [mm / inch]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500193	20 x 1/2"	60	600
07960500194	25 x 1/2"	67	400
07960500195	25 x 3/4"	73	400
07960500196	32 x 3/4"	84	250
07960500197	32 x 1"	111	250



Colour: Black | Water application | PN 16

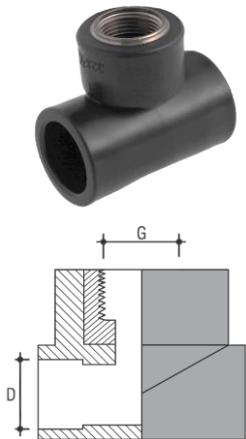
MALE THREADED TEE WITH BRASS INSERT

Product Code	D x G [mm / inch]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500219	20 x 1/2"	130	400
07960500220	20 x 3/4"	133	400
07960500221	25 x 1/2"	130	250
07960500222	25 x 3/4"	136	250
07960500223	32 x 3/4"	210	150
07960500224	32 x 1"	440	150

FISH Socket Fusion Fittings

SOCKET FUSION BRASS THREADED FITTINGS (BSPT)

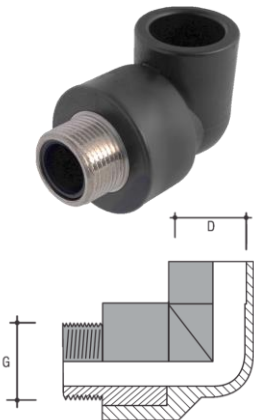
Colour: Black | Water application | PN 16



FEMALE THREADED TEE WITH BRASS INSERT

Product Code	D x G [mm / inch]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500203	20 x 1/2"	80	400
07960500204	20 x 3/4"	83	400
07960500205	25 x 1/2"	80	250
07960500206	25 x 3/4"	89	250
07960500207	32 x 3/4"	140	150
07960500208	32 x 1"	300	150

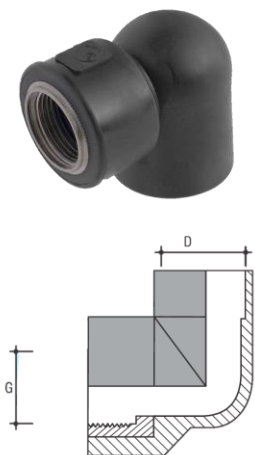
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MALE THREADED ELBOW 90° WITH BRASS INSERT

Product Code	D x G [mm / inch]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500214	20 x 1/2"	120	500
07960500215	25 x 1/2"	168	300
07960500216	25 x 3/4"	170	300
07960500217	32 x 3/4"	200	200
07960500218	32 x 1"	233	200

Colour: Black | Water application | PN 16



FEMALE THREADED ELBOW 90° WITH BRASS INSERT

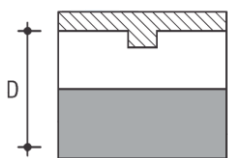
Product Code	D x G [mm / inch]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500198	20 x 1/2"	70	500
07960500199	25 x 1/2"	80	300
07960500200	25 x 3/4"	83	300
07960500201	32 x 3/4"	110	200
07960500202	32 x 1"	270	200

FISH Socket Fusion Fittings

SOCKET FUSION FITTINGS

Colour: Black | Water application | PN 16

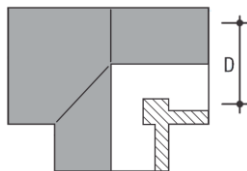
STRAIGHT COUPLER



Product Code	D [mm]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500236	20	13	1200
07960500237	25	19	800
07960500238	32	30	600
07960500239	50	69	250
07960500240	63	129	100

Colour: Black | Water application | PN 16

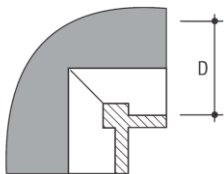
EQUAL TEE



Product Code	D [mm]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500188	20	27	700
07960500189	25	38	500
07960500190	32	70	300
07960500191	50	177	100
07960500192	63	318	50

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ELBOW 90°

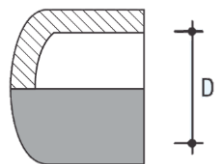


Product Code	D [mm]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500180	20	20	1000
07960500181	25	21	700
07960500182	32	51	400
07960500183	50	118	150
07960500184	63	230	60

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SOCKET FUSION FITTINGS

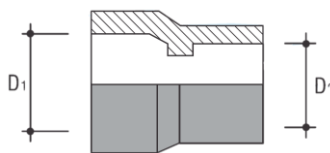
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END CAP

Product Code	D [mm]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500185	20	11	2000
07960500186	25	15	1500
07960500187	32	25	800

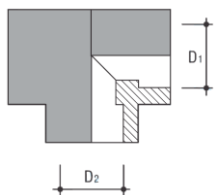
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REDUCING COUPLER

Product Code	D1 x D2 [mm]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500227	25 x 20	22	800
07960500228	32 x 20	25	600
07960500229	32 x 25	27	600
07960500230	50 x 32	62	300
07960500231	63 x 32	104	150
07960500232	63 x 50	119	150

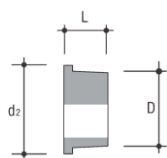
Colour: Black | Water application | PN 16



REDUCING TEE

Product Code	D1 x D2 [mm]	Approx. Wt. gm [pc]	Std packing* [qty]
07960500233	25 x 20	36	500
07960500234	32 x 20	63	300
07960500235	32 x 25	64	300

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PIPE STIFFENER

Product Code	D [mm]	D2 [mm]	L [mm]	Approx. Wt. gm [pc]
07960103130	20	23	10	10
07960103131	25	28	11	10