

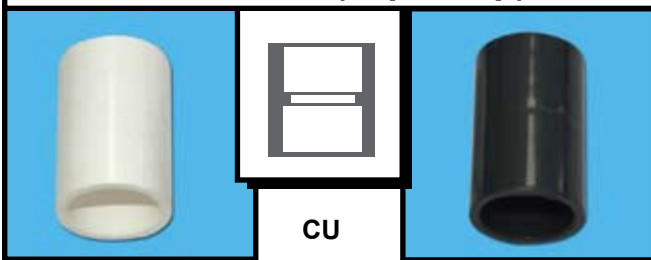


U-PVC SCHEDULE 40 FITTINGS TO ASTM D 2466



**PLASTIC PIPE FITTINGS
IN WHITE AND DARK GREY**

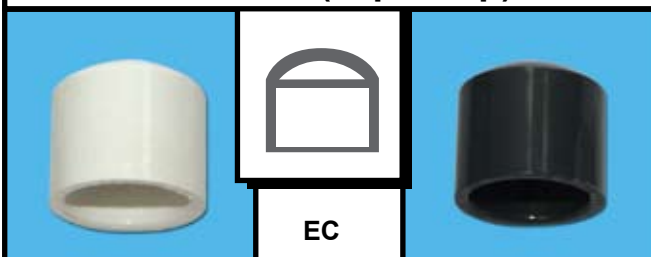
COUPLING (slip x slip)



CU

WHITE CODE	GREY CODE	SIZE	PACKING
CU-05W	CU-05G	1/2"	100
CU-07W	CU-07G	3/4"	50
CU-10W	CU-10G	1"	50
CU-15W	CU-15G	1 1/2"	25
CU-20W	CU-20G	2"	15
CU-30W	CU-30G	3"	10
CU-40W	CU-40G	4"	6

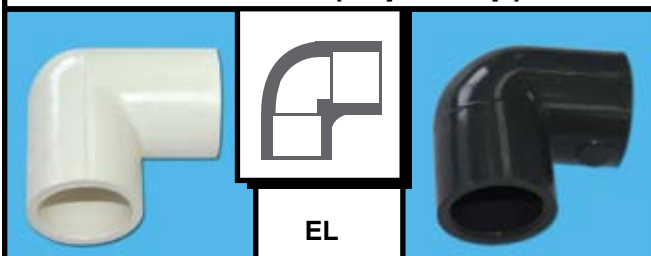
END CAP (slip x slip)



EC

WHITE CODE	GREY CODE	SIZE	PACKING
EC-05W	EC-05G	1/2"	100
EC-07W	EC-07G	3/4"	100
EC-10W	EC-10G	1"	50
EC-15W	EC-15G	1 1/2"	25

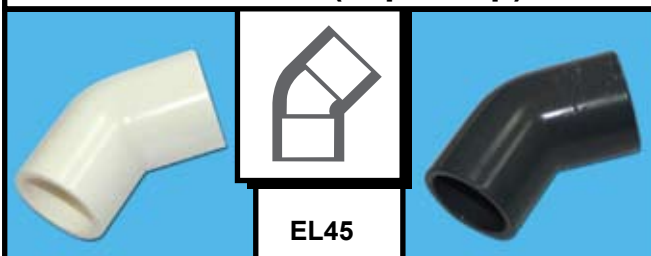
ELBOW 90 (slip x slip)



EL

WHITE CODE	GREY CODE	SIZE	PACKING
EL-05W	EL-05G	1/2"	100
EL-07W	EL-07G	3/4"	75
EL-10W	EL-10G	1"	40
EL-15W	EL-15G	1 1/2"	30
EL-20W	EL-20G	2"	25
EL-30W	EL-30G	3"	10
EL-40W	EL-40G	4"	8

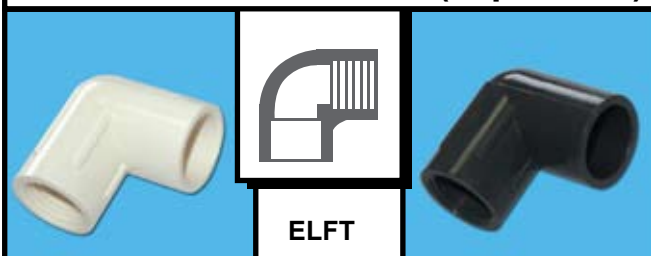
ELBOW 45 (slip x slip)



EL45

WHITE CODE	GREY CODE	SIZE	PACKING
EL45-05W	EL45-05G	1/2"	50
EL45-07W	EL45-07G	3/4"	100
EL45-10W	EL45-10G	1"	50

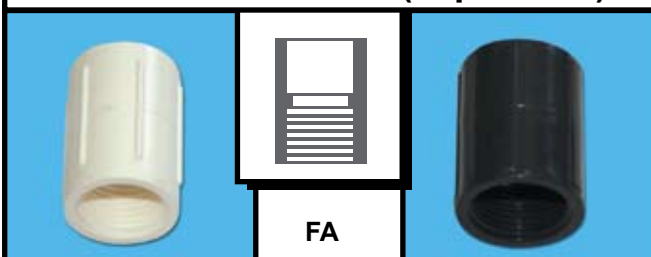
FEMALE THRD ELBOW (slip x BSP)



ELFT

WHITE CODE	GREY CODE	SIZE	PACKING
ELFT-05W	ELFT-05G	1/2"	50
ELFT-07W	ELFT-07G	3/4"	25
ELFT-10W	ELFT-10G	1"	25

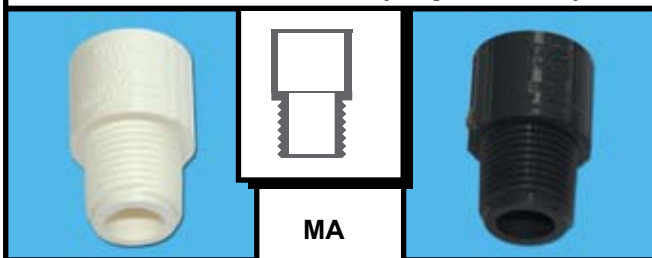
FEMALE ADAPTER (slip x BSP)



FA

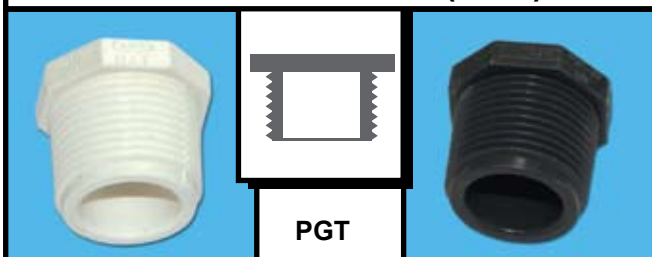
WHITE CODE	GREY CODE	SIZE	PACKING
FA-05W	FA-05G	1/2"	100
FA-07W	FA-07G	3/4"	50
FA-10W	FA-10G	1"	50

MALE ADAPTER (slip x BSP)



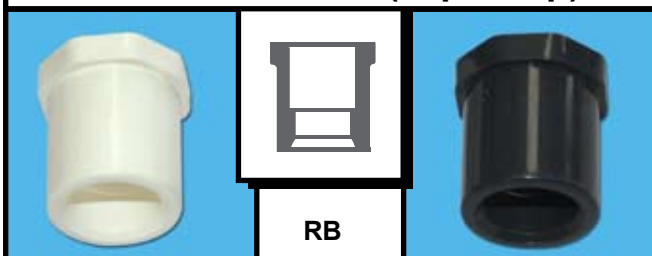
WHITE CODE	GREY CODE	SIZE	PACKING
MA-05W	MA-05G	1/2"	100
MA-07W	MA-07G	3/4"	50
MA-10W	MA-10G	1"	75
MA-15W	MA-15G	1 1/2"	75
MA-20W	MA-20G	2"	25
MA-30W	MA-30G	3"	15
MA-40W	MA-40G	4"	10

THREADED PLUG (BSP)



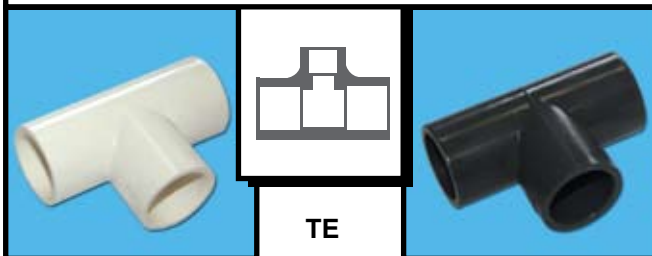
WHITE CODE	GREY CODE	SIZE	PACKING
PGT-05W	PGT-05G	1/2"	100
PGT-07W	PGT-07G	3/4"	100
PGT-10W	PGT-10G	1"	100

REDUCER BUSH (slip x slip)



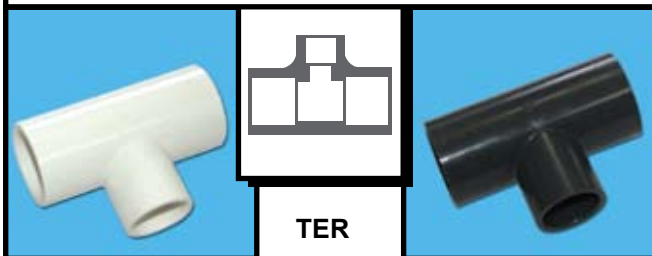
WHITE CODE	GREY CODE	SIZE	PACKING
RB-0705W	RB-0705G	3/4" x 1/2"	100
RB-1005W	RB-1005G	1" x 1/2"	50
RB-1007W	RB-1007G	1" x 3/4"	25
RB-1507W	RB-1507G	1 1/2" x 3/4"	25
RB-1505W	RB-1505G	1 1/2" x 1/2"	25
RB-1510W	RB-1510G	1 1/2" x 1"	25
RB-2015W	RB-2015G	2" x 1 1/2"	15
RB-2010W	RB-2010G	2" x 1"	10
RB-3020W	RB-3020G	3" x 2"	10
RB-3015W	RB-3015G	3" x 1 1/2"	10
RB-4030W	RB-4030G	4" x 3"	6
RB-4020W	RB-4020G	4" x 2"	6

TEE (slip x slip)



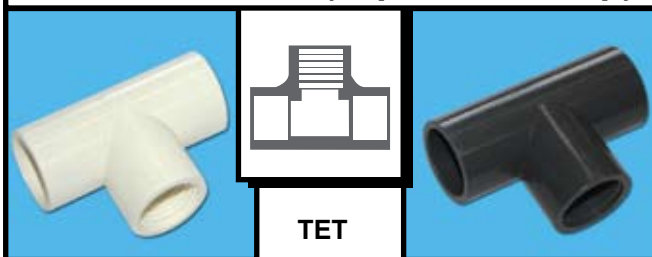
WHITE CODE	GREY CODE	SIZE	PACKING
TE-05W	TE-05G	1/2"	100
TE-07W	TE-07G	3/4"	50
TE-10W	TE-10G	1"	50
TE-15W	TE-15G	1 1/2"	20
TE-20W	TE-20G	2"	10
TE-30W	TE-30G	3"	10
TE-40W	TE-40G	4"	6

REDUCING TEE (slip x slip x slip)



WHITE CODE	GREY CODE	SIZE	PACKING
TER-0705W	TER-0705G	3/4" x 1/2"	50
TER-1007W	TER-1007G	1" x 3/4"	25

THREADED TEE (slip x BSP x slip)



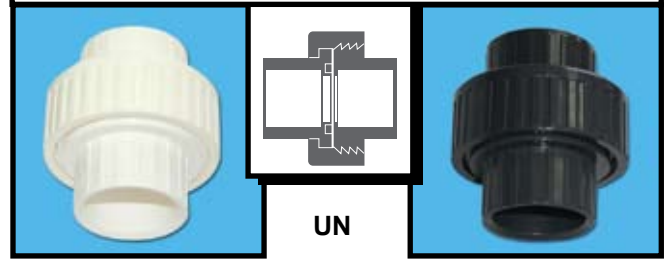
WHITE CODE	GREY CODE	SIZE	PACKING
TET-05W	TET-05G	1/2"	100
TET-07W	TET-07G	3/4"	50
TET-10W	TET-10G	1"	25

THREADED REDUCER BUSH



WHITE CODE	GREY CODE	SIZE	PACKING
RBFT-0705W	RBFT-0705G	3/4" x 1/2"	100

UNION



WHITE CODE	GREY CODE	SIZE	PACKING
UN-05W	UN-05G	1/2"	60
UN-07W	UN-07G	3/4"	60
UN-10W	UN-10G	1"	40

TYPICAL PHYSICAL PROPERTIES OF PVC TYPE 1120 - 1220 USED IN MANUFACTURE OF UPVC FITTINGS

Mechanical	Typical Values	ASTM Test Methods
Specific Gravity	1.40, 1.44	D-792
Tensile Strength, psi @ 73.4°F	7000	D-638
Tensile Modulus, psi	400,000	D-638
Allowable Fibre Stress, psi @ 73.4°F	2,000	
Flexural Yield Strength, psi	13,000	D-790
Izod Impact, ft. lbs./in. Notched @ 78°F	0.65, 1.50	D-256
Durometer Hardness	77.83	D-2240
Thermal		
Coefficient of Thermal Conductivity Cal. cm/sec. cm ² °C	3.5 x 10 ⁻⁴	C-177
Coefficient of Linear Expansion, in/in/°C	6.4 x 10 ⁻⁵	D-696
Heat Distortion at °F @ 264 psi	158°F	D-648
Electrical		
Dielectric Constant 10 ³ cps at 30°C	3.6	D-150
Dielectric Strength, short-time, 1/8 in, thicknessm volts/mil	490	D-149
Other Properties		
*Burn Rate in./min.....AEB Less than 25mm		
ATB Less than	10 sec.	D-635
Water Absorption, 24hr, 1/8 in thickness, %	0.5 - 3.0	D-570
ASTM Cell Classification	12454B	D-1784

Maximum Operating Pressure at 23°C (73.4°F)

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
PSI	600	480	450	370	330	300	280	260	220	180
BAR	41.0	33.0	31.0	25.5	22.7	19.3	20.7	18.0	15.0	12.5

NPI uPVC Schedule 40 fittings are suitable for a wide range of applications and are able to be used with all the classes of ASTM pipe. ASTM Sch 40 socket dimensions are also compatible with the outside diameters of BS 3505 pipe for all sizes except 2 1/2" and 5". This enables Sch 40 fittings to be used in many applications with BS 3505 pressure pipe. All fitting sizes upto and including 4" meet or exceed the working pressure requirements of BS 3505 Class E (15 bar).



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