

PE HALOGEN FREE NON FLAME PROPAGATING PIPES



Technical Specifications

Standard	: TS EN 61386-22
Material	: Polyethylene
Compressive Strenght	: 320 Newton Light Duty Class 2
Impact Strenght	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1
Color Option	

LIGHT DUTY 320 N 2331

TS EN 61386-22

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.MK.16/6	16 mm H.F Non Flame Propagating Pipes 320 N	16	16 ^{-0.3}	13	100
ZB.MK.20/6	20 mm H.F Non Flame Propagating Pipes 320 N	20	20 ^{-0.3}	17	100
ZB.MK.25/6	25 mm H.F Non Flame Propagating Pipes 320 N	25	25 ^{-0.4}	21	100
ZB.MK.32/6	32 mm H.F Non Flame Propagating Pipes 320 N	32	32 ^{-0.4}	27	100
ZB.MK.40/6	40 mm H.F Non Flame Propagating Pipes 320 N	40	40 ^{-0.4}	35	100
ZB.MK.50/6	50 mm H.F Non Flame Propagating Pipes 320 N	50	50 ^{-0.5}	44	100
ZB.MK.63/6	63 mm H.F Non Flame Propagating Pipes 320 N	63	63 ^{-0.6}	56	50
ZB.MK.75/6	75 mm H.F Non Flame Propagating Pipes 320 N	75	75 ^{-0.6}	68	50



Technical Specifications

Standard	: TS EN 61386-22
Material	: Polyethylene
Compressive Strenght	: 750 Newton Medium Duty Class 3
Impact Strenght	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1
Color Option	

MEDIUM DUTY 750 N 3331

TS EN 61386-22

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.MK.16/10	16 mm H.F Non Flame Propagating Pipes 750 N	16	16 ^{-0.3}	12	100
ZB.MK.20/10	20 mm H.F Non Flame Propagating Pipes 750 N	20	20 ^{-0.3}	16	100
ZB.MK.25/10	25 mm H.F Non Flame Propagating Pipes 750 N	25	25 ^{-0.4}	20	100
ZB.MK.32/10	32 mm H.F Non Flame Propagating Pipes 750 N	32	32 ^{-0.4}	26	100
ZB.MK.40/10	40 mm H.F Non Flame Propagating Pipes 750 N	40	40 ^{-0.4}	33	100
ZB.MK.50/10	50 mm H.F Non Flame Propagating Pipes 750 N	50	50 ^{-0.5}	42	100
ZB.MK.63/10	63 mm H.F Non Flame Propagating Pipes 750 N	63	63 ^{-0.6}	54	50
ZB.MK.75/10	75 mm H.F Non Flame Propagating Pipes 750 N	75	75 ^{-0.6}	65	50

PE HALOGEN FREE FLAME PROPAGATING PIPES



Technical Specifications

Standard	: TS EN 61386-22
Material	Polyethylene
Compressive Strenght	: 320 Newton Light Duty Class 2
Impact Strenght	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1
Color Option	

LIGHT DUTY 320 N 2331

TS EN 61386-22

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.TK.16/6	16 mm H.F Flame Propagating 320 N	16	16 ^{-0.3}	13	100
ZB.TK.20/6	20 mm H.F Flame Propagating 320 N	20	20 ^{-0.3}	17	100
ZB.TK.25/6	25 mm H.F Flame Propagating 320 N	25	25 ^{-0.4}	21	100
ZB.TK.32/6	32 mm H.F Flame Propagating 320 N	32	32 ^{-0.4}	27	100
ZB.TK.40/6	40 mm H.F Flame Propagating 320 N	40	40 ^{-0.4}	35	100
ZB.TK.50/6	50 mm H.F Flame Propagating 320 N	50	50 ^{-0.5}	44	100
ZB.TK.63/6	63 mm H.F Flame Propagating 320 N	63	63 ^{-0.6}	56	50
ZB.TK.75/6	75 mm H.F Flame Propagating 320 N	75	75 ^{-0.6}	68	50



Technical Specifications

Standard	: TS EN 61386-22
Material	: Polietilen / Polyethylene
Compressive Strenght	: 750 Newton Medium Duty Class 3
Impact Strenght	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1
Color Option	

MEDIUM DUTY 750 N 3331

TS EN 61386-22

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.TK.16/10	16 mm H.F Flame Propagating 750 N	16	16 ^{-0.3}	12	100
ZB.TK.20/10	20 mm H.F Flame Propagating 750 N	20	20 ^{-0.3}	16	100
ZB.TK.25/10	25 mm H.F Flame Propagating 750 N	25	25 ^{-0.4}	20	100
ZB.TK.32/10	32 mm H.F Flame Propagating 750 N	32	32 ^{-0.4}	26	100
ZB.TK.40/10	40 mm H.F Flame Propagating 750 N	40	40 ^{-0.4}	33	100
ZB.TK.50/10	50 mm H.F Flame Propagating 750 N	50	50 ^{-0.5}	42	100
ZB.TK.63/10	63 mm H.F Flame Propagating 750 N	63	63 ^{-0.6}	54	50
ZB.TK.75/10	75 mm H.F Flame Propagating 750 N	75	75 ^{-0.6}	65	50

PE BLACK PIPES



LIGHT DUTY

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.SK.14/6	14 mm Black Pipes 320 N	14	14 ^{-0.3}	11,2	100
ZB.SK.16/6	16 mm Black Pipes 320 N	16	16 ^{-0.3}	13	100
ZB.SK.18/6	18 mm Black Pipes 320 N	18	18 ^{-0.3}	18	100
ZB.SK.20/6	20 mm Black Pipes 320 N	20	20 ^{-0.3}	16,6	100
ZB.SK.25/6	25 mm Black Pipes 320 N	25	25 ^{-0.4}	21,4	100
ZB.SK.32/6	32 mm Black Pipes 320 N	32	32 ^{-0.4}	27,8	100
ZB.SK.40/6	40 mm Black Pipes 320 N	40	40 ^{-0.4}	35 0	100
ZB.SK.50/6	50 mm Black Pipes 320 N	50	50 ^{-0.5}	45	100
ZB.SK.63/6	63 mm Black Pipes 320 N	63	63 ^{-0.6}	57	50
ZB.SK.70/6	70 mm Black Pipes 320 N	70	70 ^{-0.6}	63	50
ZB.SK.75/6	75 mm Black Pipes 320 N	75	75 ^{-0.6}	69	50
ZB.SK.90/6	90 mm Black Pipes 320 N	90	90 ^{-0.7}	83	50
ZB.SK.100/6	100 mm Black Pipes 320 N	100	100 ^{-0.7}	93	50



MEDIUM DUTY

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.SK.14/10	14 mm Black Pipes 750 N	14	14 ^{-0.3}	10,8	100
ZB.SK.16/10	16 mm Black Pipes 750 N	16	16 ^{-0.3}	12,4	100
ZB.SK.18/10	18 mm Black Pipes 750 N	18	18 ^{-0.3}	14,2	100
ZB.SK.20/10	20 mm Black Pipes 750 N	20	20 ^{-0.3}	16	100
ZB.SK.25/10	25 mm Black Pipes 750 N	25	25 ^{-0.4}	20,1	100
ZB.SK.32/10	32 mm Black Pipes 750 N	32	32 ^{-0.4}	25,4	100
ZB.SK.40/10	40 mm Black Pipes 750 N	40	40 ^{-0.4}	32,6	100
ZB.SK.50/10	50 mm Black Pipes 750 N	50	50 ^{-0.5}	42 0	100
ZB.SK.63/10	63 mm Black Pipes 750 N	63	63 ^{-0.6}	54,4	50
ZB.SK.70/10	70 mm Black Pipes 750 N	70	70 ^{-0.6}	60,7	50
ZB.SK.75/10	75 mm Black Pipes 750 N	75	75 ^{-0.6}	67	50
ZB.SK.90/10	90 mm Black Pipes 750 N	90	90 ^{-0.7}	80	50
ZB.SK.100/10	100 mm Black Pipes 750 N	100	100 ^{-0.7}	90	50

PE HALOGEN FREE FLAME PROPAGATING RIGID PIPES



Technical Specifications

Standard	: TS EN 61386-21
Material	: Polyethylene
Compressive Strength	: 320 Newton Light Duty Class 2
Impact Strength	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1

LIGHT DUTY

TS EN 61386-21

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.DB.16/6	16 mm H.F Flame Propagating Rigid Pipe 3 m 320 N	16	16 ^{-0.3}	13,6	102
ZB.DB.20/6	20 mm H.F Flame Propagating Rigid Pipe 3 m 320 N	20	20 ^{-0.3}	17,3	102
ZB.DB.25/6	25 mm H.F Flame Propagating Rigid Pipe 3 m 320 N	25	25 ^{-0.4}	22,25	51
ZB.DB.32/6	32 mm H.F Flame Propagating Rigid Pipe 3 m 320 N	32	32 ^{-0.4}	29	51



Technical Specifications

Standard	: TS EN 61386-21
Material	: Polyethylene
Compressive Strength	: 750 Newton Medium Duty Class 3
Impact Strength	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1

MEDIUM DUTY

TS EN 61386-21

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.DB.16/10	16 mm H.F Flame Propagating Rigid Pipe 3 m 750 N	16	16 ^{-0.3}	13	102
ZB.DB.20/10	20 mm H.F Flame Propagating Rigid Pipe 3 m 750 N	20	20 ^{-0.3}	17	102
ZB.DB.25/10	25 mm H.F Flame Propagating Rigid Pipe 3 m 750 N	25	25 ^{-0.4}	21,4	51
ZB.DB.32/10	32 mm H.F Flame Propagating Rigid Pipe 3 m 750 N	32	32 ^{-0.4}	28,5	51

PE HALOGEN FREE NON FLAME PROPAGATING RIGID PIPES



Technical Specifications

Standard	: TS EN 61386-21
Material	: Polyethylene
Compressive Strenght	: 320 Newton Light Duty Class 2
Impact Strenght	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1

LIGHT DUTY

TS EN 61386-21

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.DBY.16/6	16 mm H.F Non Flame Propagating Rigid Pipe 3 m 320 N	16	16 ^{-0.3}	13,6	102
ZB.DBY.20/6	20 mm H.F Non Flame Propagating Rigid Pipe 3 m 320 N	20	20 ^{-0.3}	17,3	102
ZB.DBY.25/6	25 mm H.F Non Flame Propagating Rigid Pipe 3 m 320 N	25	25 ^{-0.4}	22,25	51
ZB.DBY.32/6	32 mm H.F Non Flame Propagating Rigid Pipe 3 m 320 N	32	32 ^{-0.4}	29	51



Technical Specifications

Standard	: TS EN 61386-21
Material	: Polyethylene
Compressive Strenght	: 750 Newton Medium Duty Class 3
Impact Strenght	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1

MEDIUM DUTY

TS EN 61386-21

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.DBY.16/10	16 mm H.F Non Flame Propagating Rigid Pipe 3 m 750 N	16	16 ^{-0.3}	13	102
ZB.DBY.20/10	20 mm H.F Non Flame Propagating Rigid Pipe 3 m 750 N	20	20 ^{-0.3}	17	102
ZB.DBY.25/10	25 mm H.F Non Flame Propagating Rigid Pipe 3 m 750 N	25	25 ^{-0.4}	21,4	51
ZB.DBY.32/10	32 mm H.F Non Flame Propagating Rigid Pipe 3 m 750 N	32	32 ^{-0.4}	28,5	51

PVC NON FLAME PROPAGATING RIGID PIPES



Technical Specifications

Standard	: TS EN 61386-21
Material	: PVC
Compressive Strength	: 320 Newton Light Duty Class 2
Impact Strength	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1

LIGHT DUTY

TS EN 61386-21

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.PB.16/6	16 mm PVC Non Flame Propagating Rigid Pipes 3 m 320 N	16	16 ^{-0.3}	13,6	102
ZB.PB.20/6	20 mm PVC Non Flame Propagating Rigid Pipes 3 m 320 N	20	20 ^{-0.3}	17,3	102
ZB.PB.25/6	25 mm PVC Non Flame Propagating Rigid Pipes 3 m 320 N	25	25 ^{-0.4}	22,25	51
ZB.PB.32/6	32 mm PVC Non Flame Propagating Rigid Pipes 3 m 320 N	32	32 ^{-0.4}	29	51



Technical Specifications

Standard	: TS EN 61386-21
Material	: PVC
Compressive Strength	: 750 Newton Medium Duty Class 3
Impact Strength	: 2 kg / 100 mm Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: 60 °C Class 1

MEDIUM DUTY

TS EN 61386-21

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.PB.16/10	16 mm PVC Non Flame Propagating Rigid Pipes 3 m 750 N	16	16 ^{-0.3}	13	102
ZB.PB.20/10	20 mm PVC Non Flame Propagating Rigid Pipes 3 m 750 N	20	20 ^{-0.3}	17	102
ZB.PB.25/10	25 mm PVC Non Flame Propagating Rigid Pipes 3 m 750 N	25	25 ^{-0.4}	21,4	51
ZB.PB.32/10	32 mm PVC Non Flame Propagating Rigid Pipes 3 m 750 N	32	32 ^{-0.4}	28,5	51

HALOGEN FREE NON FLAME PROPAGATING RIGID PIPES ACCESSORIES



RIGID CONDUIT COUPLING

Order Code	Product Name	Package (piece)
ZB.PB.161	16 mm Rigid Conduit Coupling	100
ZB.PB.201	20 mm Rigid Conduit Coupling	100
ZB.PB.251	25 mm Rigid Conduit Coupling	100
ZB.PB.321	32 mm Rigid Conduit Coupling	50



90° BEND

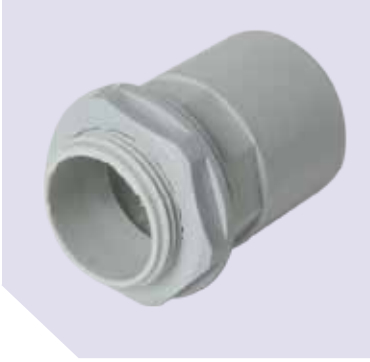
Order Code	Product Name	Package (piece)
ZB.PB.162	16 mm Bend	100
ZB.PB.202	20 mm Bend	100
ZB.PB.252	25 mm Bend	50
ZB.PB.322	32 mm Bend	25



T BEND

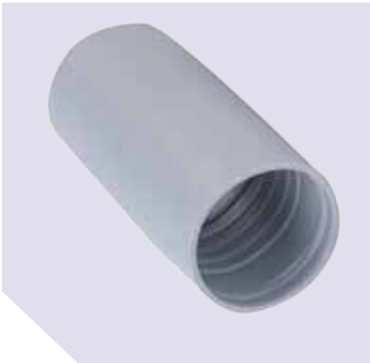
Order Code	Product Name	Package (piece)
ZB.PB.163	16 mm T Bend	100
ZB.PB.203	20 mm T Bend	100
ZB.PB.253	25 mm T Bend	100
ZB.PB.323	32 mm T Bend	50

HALOGEN FREE NON FLAME PROPAGATING RIGID PIPES ACCESSORIES



RIGID CONDUIT ADAPTOR

Order Code	Product Name	Package (piece)
ZB.PB.164	16 mm Rigid Conduit Adaptor	100
ZB.PB.204	20 mm Rigid Conduit Adaptor	100
ZB.PB.254	25 mm Rigid Conduit Adaptor	100
ZB.PB.324	32 mm Rigid Conduit Adaptor	50



CORRUGATED-RIGID COUPLING

Order Code	Product Name	Package (piece)
ZB.PB.1611	16 mm Corrugated - Rigid Coupling	100
ZB.PB.2011	20 mm Corrugated - Rigid Coupling	100
ZB.PB.2511	25 mm Corrugated - Rigid Coupling	100
ZB.PB.3211	32 mm Corrugated - Rigid Coupling	100



CORRUGATED CONDUIT ADAPTOR

Order Code	Product Name	Package (piece)
ZB.PB.167	16 mm Corrugated Conduit Adaptor	100
ZB.PB.207	20 mm Corrugated Conduit Adaptor	100
ZB.PB.257	25 mm Corrugated Conduit Adaptor	100
ZB.PB.327	32 mm Corrugated Conduit Adaptor	50

HALOGEN FREE NON FLAME PROPAGATING RIGID PIPES ACCESSORIES



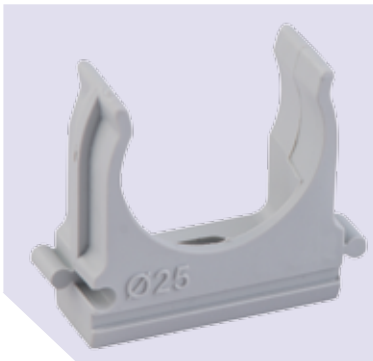
LOCKED CONDUIT SUPPORT

Order Code	Product Name	Package (piece)
ZB.PB.165	16 mm Locked Conduit Support	100
ZB.PB.205	20 mm Locked Conduit Support	100
ZB.PB.255	25 mm Locked Conduit Support	100
ZB.PB.325	32 mm Locked Conduit Support	50



DOWEL PIN CLIP

Order Code	Product Name	Package (piece)
ZB.PB.166	16 mm Dowel Pin Clip	100
ZB.PB.206	20 mm Dowel Pin Clip	100
ZB.PB.256	25 mm Dowel Pin Clip	100
ZB.PB.326	32 mm Dowel Pin Clip	100



CONDUIT SUPPORT

Order Code	Product Name	Package (piece)
ZB.PB.168	16 mm Conduit Support	100
ZB.PB.208	20 mm Conduit Support	100
ZB.PB.258	25 mm Conduit Support	100
ZB.PB.328	32 mm Conduit Support	50

HALOGEN FREE NON FLAME PROPAGATING RIGID PIPES ACCESSORIES



TWEEZERS CLIP

Order Code	Product Name	Package (piece)
ZB.PB.1610	3/13 mm Tweezers Clip	500
ZB.PB.2010	20 mm Tweezers Clip	500



STICK CLIP

Order Code	Product Name	Package (piece)
ZB.PB.209	20 mm Stick Clip	250
ZB.PB.259	25 mm Stick Clip	250

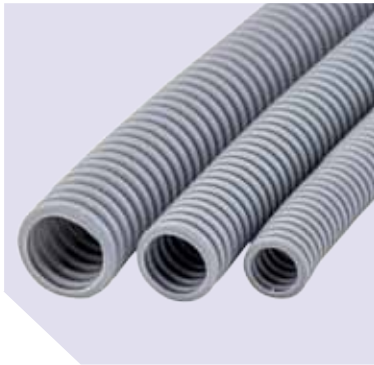
HALOGEN FREE SPIRALS (NON FLAME PROPAGATING)



Technical Specifications

Standard	: TS EN 61386-22 / 08.11.2005
Certificate no	: 14.11.34 / TSE-63870
Material	: Polyethylene
Compressive Strenght	: Light Class 2
Impact Strenght	: Medium Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: + 60 °C Class 1
Bending Strenght	: Flexible/Self Recovering

PE HALOGEN FREE SPIRALS (NON FLAME PROPAGATING)



TS EN 61386-22

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.SH1.16	16 mm H.F Spirals (Non Flame Propagating)	16	16 ^{-0.3}	11,5	100
ZB.SH1.20	20 mm H.F Spirals (Non Flame Propagating)	20	20 ^{-0.3}	15	100
ZB.SH1.25	25 mm H.F Spirals (Non Flame Propagating)	25	25 ^{-0.4}	19	100

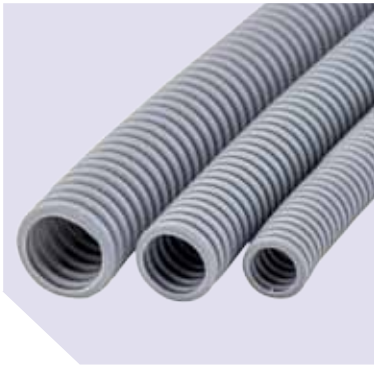
HALOGEN FREE SPIRALS (FLAME PROPAGATING)



Technical Specifications

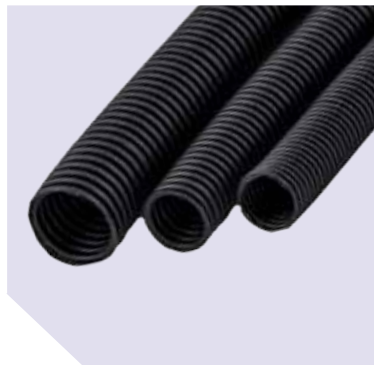
Standard	: TS EN 61386-22 / 08.11.2005
Certificate no	: 14.11.34 / TSE-63870
Material	: Polyethylene
Compressive Strenght	: Light Class 2
Impact Strenght	: Medium Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: + 60 °C Class 1
Bending Strenght	: Flexible/Self Recovering

HALOGEN FREE SPIRALS (FLAME PROPAGATING)



TS EN 61386-22

Order Code	Product Name	Dia (mm)	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.SH2.16	16 mm H.F Spirals (Flame Propagating)	16	16 ^{-0.3}	11,5	100
ZB.SH2.20	20 mm H.F Spirals (Flame Propagating)	20	20 ^{-0.3}	15	100
ZB.SH2.25	25 mm H.F Spirals (Flame Propagating)	25	25 ^{-0.4}	19	100



PLASTIC SPIRALS

Order Code	Product Name	Dia (mm)	Package (m)
ZB.SB.14	14 mm Plastic Spiral	14	100
ZB.SB.16	16 mm Plastic Spiral	16	100
ZB.SB.18	18 mm Plastic Spiral	18	50
ZB.SB.26	26 mm Plastic Spiral	26	50
ZB.SB.32	32 mm Plastic Spiral	32	50
ZB.SB.40	40 mm Plastic Spiral	40	50

STEEL SPIRALS



Technical Specifications

Standard	: TS EN 61386-22 / 08.11.2005
Certificate no	: 14.11.34 / TSE-63870
Material	: Steel
Compressive Strenght	: Light Class 2
Impact Strenght	: Medium Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: + 60 °C Class 1
Bending Strenght	: Flexible



STEEL SPIRALS

Order Code	Product Name	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.CSB.11	11 mm Steel Spirals	14,50	11,00	50
ZB.CSB.14	14 mm Steel Spirals	17,50	14,00	50
ZB.CSB.16	16 mm Steel Spirals	19,50	16,00	50
ZB.CSB.18	18 mm Steel Spirals	21,50	18,00	50
ZB.CSB.26	26 mm Steel Spirals	29,50	26,00	25
ZB.CSB.32	32 mm Steel Spirals	35,50	32,00	25
ZB.CSB.37	37 mm Steel Spirals	40,50	37,00	25



STEEL SPIRALS WITH GUIDE WIRE

Order Code	Product Name	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.KCSB.11	11 mm Steel Spirals With Guide Wire	14,50	11,00	50
ZB.KCSB.14	14 mm Steel Spirals With Guide Wire	17,50	14,00	50
ZB.KCSB.16	16 mm Steel Spirals With Guide Wire	19,50	16,00	50
ZB.KCSB.18	18 mm Steel Spirals With Guide Wire	21,50	18,00	50
ZB.KCSB.26	26 mm Steel Spirals With Guide Wire	29,50	26,00	25
ZB.KCSB.32	32 mm Steel Spirals With Guide Wire	35,50	32,00	25
ZB.KCSB.37	37 mm Steel Spirals With Guide Wire	40,50	37,00	25

PVC INSULATED STEEL SPIRALS



Technical Specifications

Standard	: TS EN 61386-22 / 08.11.2005
Certificate no	: 14.11.34 / TSE-63870
Material	: Steel
Compressive Strenght	: Light Class 2
Impact Strenght	: Medium Class 3
Min. Operation Temperature	: -15 °C Class 3
Max. Operation Temperature	: + 60 °C Class 1
Bending Strenght	: Flexible



PVC INSULATED STEEL SPIRALS

Order Code	Product Name	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.ICSB.11	11 mm PVC Insulated Steel Spirals	15,50	11,00	50
ZB.ICSB.14	14 mm PVC Insulated Steel Spirals	18,50	14,00	50
ZB.ICSB.16	16 mm PVC Insulated Steel Spirals	20,50	16,00	50
ZB.ICSB.18	18 mm PVC Insulated Steel Spirals	22,50	18,00	50
ZB.ICSB.26	26 mm PVC Insulated Steel Spirals	30,50	26,00	25
ZB.ICSB.32	32 mm PVC Insulated Steel Spirals	36,50	32,00	25
ZB.ICSB.37	37 mm PVC Insulated Steel Spirals	41,50	37,00	25



INSULATED STEEL SPIRALS WITH GUIDE WIRE

Order Code	Product Name	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.KICSB.11	11 mm Insulated Steel Spirals With Guide Wire	15,50	11,00	50
ZB.KICSB.14	14 mm Insulated Steel Spirals With Guide Wire	18,50	14,00	50
ZB.KICSB.16	16 mm Insulated Steel Spirals With Guide Wire	20,50	16,00	50
ZB.KICSB.18	18 mm Insulated Steel Spirals With Guide Wire	22,50	18,00	50
ZB.KICSB.26	26 mm Insulated Steel Spirals With Guide Wire	30,50	26,00	25
ZB.KICSB.32	32 mm Insulated Steel Spirals With Guide Wire	36,50	32,00	25
ZB.KICSB.37	37 mm Insulated Steel Spirals With Guide Wire	41,50	37,00	25

HDPE DOUBLE WALL CORRUGATED CABLE DUCTING SYSTEMS



Application Areas;

High density PE materials productions are must be double wall and especially used areas as telecommunication infrastructure and power lines underground for cable protection. For underground applications these type of pipes comply with the environmental conditions and also strengthing and flexible.

Products Specifications;

It is light weight and easy to transport,easy to install

Economics

High compressive strenght

Ex-proof strenght comply

Technical Specifications

Standard	: TS EN 61386-24 / 13.12.2011
Certificate No	: 003559
Material	: High density polyethylene (HDPE)
Compressive Strenght	: TYPE 450
Impact Strenght	: 3 kg / 400 mm / -5 C light L, normal N

TS EN 61386-24 / 13.12.2011

WALL CORRUGATED CABLE DUCTING SYSTEMS



Order Code	Product Name	Outer Dia (mm)	Inner Dia (mm)	Package (m)
ZB.KB.110-S	110 mm Wall Corrugated Cable Ducting Systems	110	95	6
ZB.KB.110	110 mm Wall Corrugated Cable Ducting Systems	90	77	6
ZB.KB.90	90 mm Wall Corrugated Cable Ducting Systems	90	77	6
ZB.KB.75	75 mm Wall Corrugated Cable Ducting Systems	75	67	6
ZB.KB.50	50 mm Wall Corrugated Cable Ducting Systems	50	43	6

HDPE DOUBLE WALL CORRUGATED CABLE DUCTING SYSTEMS



COUPLING

Order Code	Product Name	Inner Dia (mm)
ZB.EK.110-S	110 mm Coupling Black	110
ZB.EK.110	110 mm Coupling Blue	90
ZB.EK.90	90 mm Coupling Blue	90
ZB.EK.75	75 mm Coupling Blue	75
ZB.EK.50	50 mm Coupling Blue	50



SPACER

ORDER CODE : ZB.KBD.110

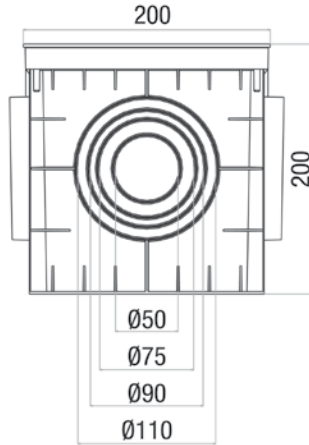


PIPE STOPPER

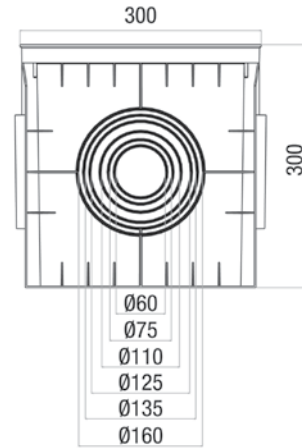
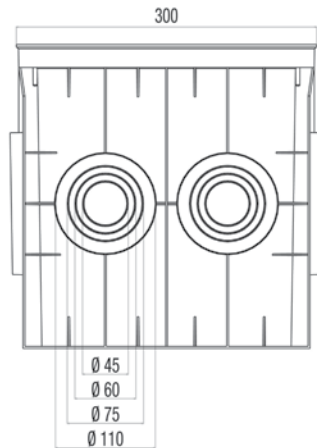
ORDER CODE : ZB.KBT.110



UNDERGROUND JUNCTION BOXES



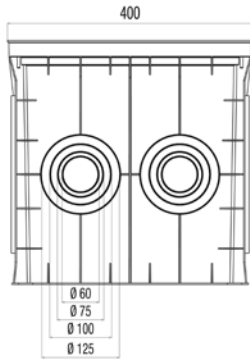
Order Code	Product Name	Package (Piece)
ZEY.MEN020	20x20 cm Underground Junction Box	1



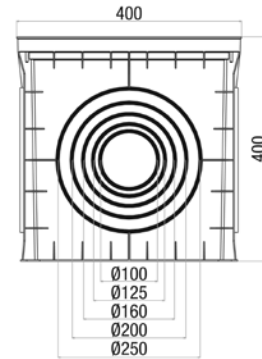
Order Code	Product Name	Package (Piece)
ZEY.MEN036	30x30 cm Underground Junction Box with 6 outlets	1

Order Code	Product Name	Package (piece/piece)
ZEY.MEN030	30x30 cm Underground Junction Box	1

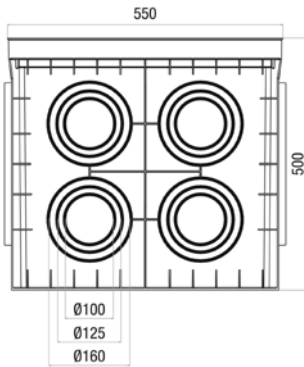
UNDERGROUND JUNCTION BOXES



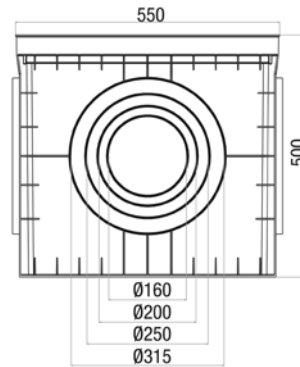
Order Code	Product Name	Package (Piece)
ZEY.MEN046	40x40 cm Underground Junction Box with 6 outlets	1



Order Code	Product Name	Package (Piece)
ZEY.MEN040	40x40 cm Underground Junction Box	1



Order Code	Product Name	Package (Piece)
ZEY.MEN0510	55x55 cm Underground Junction Box with 10 outlets	1



Order Code	Product Name	Package (Piece)
ZEY.MEN055	55x55 cm Underground Junction Box	1

HALOGEN FREE PLASTIC CASING AND JUNCTION BOXES

TS EN 60670-22



Order Code	Product Name	Package/Piece
ZB.PM/1	HF Norm Casing	100



Order Code	Product Name	Package/Piece
ZB.PM/2	HF Norm Junction Box	100



Order Code	Product Name	Package/Piece
ZB.PM/5	HF Click - Fit Casing	100



Order Code	Product Name	Package/Piece
ZB.PM/6-D	HF Click - Fit Deep Casing (Wall type)	100



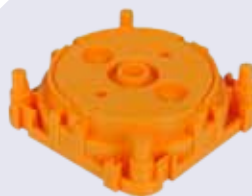
Order Code	Product Name	Package/Piece
ZB.PM/6-B	HF Click - Fit Deep Casing (Concrete Type)	100



Order Code	Product Name	Package/Piece
ZB.PM/14	HF Die Fixing Tool Click - Fit Deep Casing	100



Order Code	Product Name	Package Piece
ZB.PM/13	Plastic Cleat	100



Order Code	Product Name	Package Piece
ZB.PM/16	Die Fixing Tool	100



Order Code	Product Name	Package Piece
ZB.PM/10	HF Tunnel Junction Box	100

HALOGEN FREE FLAME RETARDANT PLASTIC CASING AND JUNCTION BOXES

TS EN 60670-22



Order Code	Product Name	Package/Piece
ZB.PM/1/0	HF Flame Retardant Norm Casing	100



Order Code	Product Name	Package/Piece
ZB.PM/2/0	HF Flame Retardant Norm Junction Box	100



Order Code	Product Name	Package/Piece
ZB.PM/5/0	HF Flame Retardant Click - Fit Casing	100



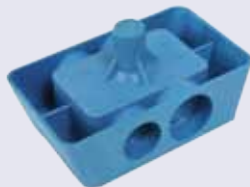
Order Code	Product Name	Package/Piece
ZB.PM/6/0-D	HF Flame Retardant Click - Fit Deep Casing (Wall type)	100



Order Code	Product Name	Package/Piece
ZB.PM/6/0-B	HF Flame Retardant Click - Fit Deep Casing (Concrete Type)	100



Order Code	Product Name	Package/Piece
ZB.PM/15	HF Flame Retardant Die Fixing Tool Click - Fit Deep Casing	100



Order Code	Product Name	Package/Piece
ZB.PM/13/0	HF Flame Retardant Plastic Cleat	100

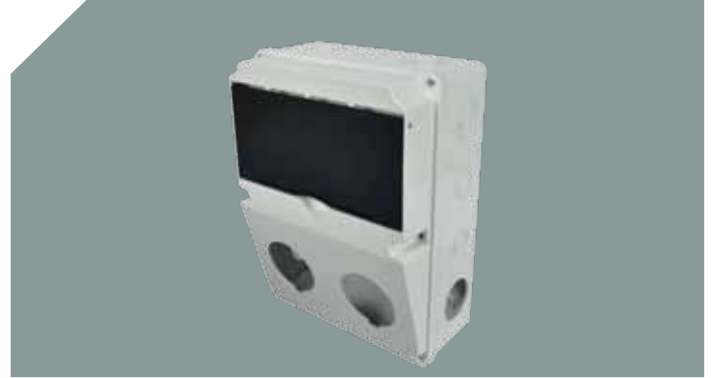


Order Code	Product Name	Package/Piece
ZB.PM/10/0	HF Flame Retardant Tunnel Junction Box	100

COMBINATION BOX and THERMOPLASTIC JUNCTION BOXES



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.401	Combination Box	2/24	11,12	0,086



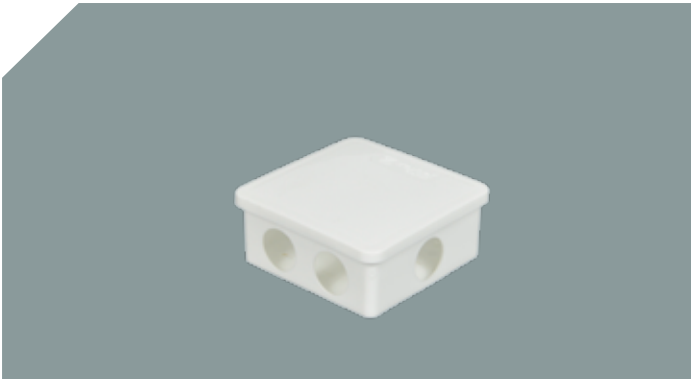
Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.402	Combination Box	1/12	10,42	0,101



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM/9	110*110*74 mm Thermoplastic Junction Box	12/96	16,1	0,106



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM/11	210*120*74 mm Thermoplastic Junction Box	4/48	15,04	0,113



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM/8	85*85*40 mm Square Thermoplastic Junction Box	20/240	12,3	0,081



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.101	Surface Mounted Fuse Box 1-2 Fuses	20/240	15,08	0,125

LIGHTING GROUP



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.301	Oval Antigron Lighting Fixture	4/48	13,66	0,111



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.302	Papatya Wall Lamp	4/24	6,40	0,069



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.303	Yıldız Ceiling Globe Lighting Fixture	5/40	10,32	0,107



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.304	Mega Flat Ceiling Lighting Fixture	4/32	11,52	0,126



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.305	Sensor Globe Lighting Fixture 2xE27	10	12,66	0,117



Ürün Kodu Order Code	Ürün İsmi Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.306	Eylül Wall Lamp	4/24	12,74	0,110

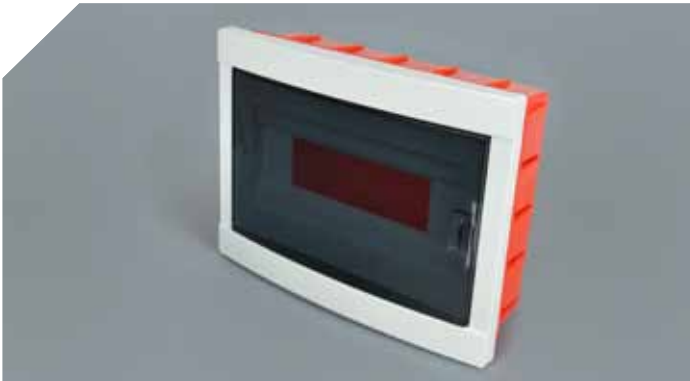
FLUSH MOUNTED FUSE BOXES



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.106	Flush Mounted Fuse Box, 6 Fuses	30	10,1	0,103



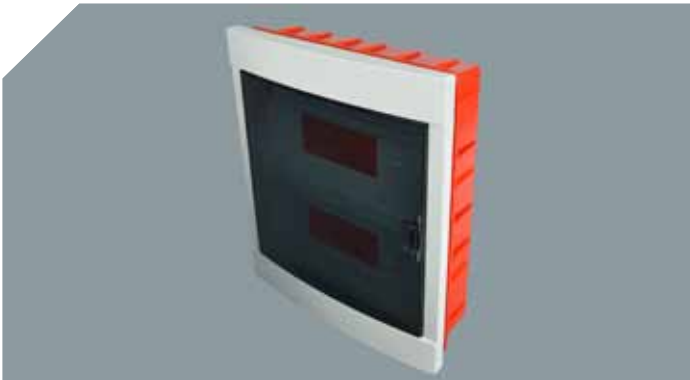
Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.108	Flush Mounted Fuse Box, 8 Fuses	20	9,88	0,09



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.112	Flush Mounted Fuse Box, 12 Fuses	20	14,4	0,140



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.118	Flush Mounted Fuse Box, 18 Fuses	10	9,76	0,090



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.124	Flush Mounted Fuse Box, 24 Fuses	10	10,86	0,108



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.136	Flush Mounted Fuse Box, 36 Fuses	10	14,80	0,15

SURFACE MOUNTED FUSE BOXES



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.206	Surface Mounted Fuse Box, 6 Fuses	30	10,82	0,103



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.208	Surface Mounted Fuse Box, 8 Fuses	20	10,66	0,09



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.212	Surface Mounted Fuse Box, 12 Fuses	20	14,88	0,14



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.218	Surface Mounted Fuse Box, 18 Fuses	10	9,96	0,09



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.224	Surface Mounted Fuse Box, 24 Fuses	10	8,96	0,108



Order Code	Product Name	Package Piece	Weight (kg)	M³ Volume
ZB.PM.236	Surface Mounted Fuse Box, 36 Fuses	10	15,46	0,15

ABS HALOGEN FREE PLASTIC PANELS



ABS HALOGEN FREE PLASTIC PANELS



IP 65

Order Code	Product Name	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)
ZEY.AP01	20*30*13 ABS Plastic Panel	200	300	130	1,36
ZEY.AP02	25*35*15 ABS Plastic Panel	250	350	150	2,10
ZEY.AP03	30*40*17 ABS Plastic Panel	300	400	170	2,78
ZEY.AP04	30*40*22 ABS Plastic Panel	300	400	220	3,20
ZEY.AP05	35*50*19 ABS Plastic Panel	350	500	190	3,92
ZEY.AP06	40*50*18 ABS Plastic Panel	400	500	180	4,14
ZEY.AP07	40*50*24 ABS Plastic Panel	400	500	240	5,04
ZEY.AP08	40*60*20 ABS Plastic Panel	400	600	200	4,96
ZEY.AP10	50*70*25 ABS Plastic Panel	500	700	250	8,54
ZEY.AP11	60*80*26 ABS Plastic Panel	600	800	260	12,24

HF PLASTIC PANELS WITH TRASPARENT LID



IP 65

Order Code	Product Name	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)
ZEY.AP101	20*30*13 PC Plastic Panel	200	300	130	1,36
ZEY.AP102	25*35*15 PC Plastic Panel	250	350	150	2,10
ZEY.AP103	30*40*17 PC Plastic Panel	300	400	170	2,78
ZEY.AP104	30*40*22 PC Plastic Panel	300	400	220	3,20
ZEY.AP105	35*50*19 PC Plastic Panel	350	500	190	3,92
ZEY.AP106	40*50*18 PC Plastic Panel	400	500	180	4,14
ZEY.AP107	40*50*24 PC Plastic Panel	400	500	240	5,04
ZEY.AP108	40*60*20 PC Plastic Panel	400	600	200	4,96
ZEY.AP110	50*70*25 PC Plastic Panel	500	700	250	8,54
ZEY.AP111	60*80*26 PC Plastic Panel	600	800	260	12,24

EMT Galvanized Steel Conduit Systems

Order Code	Size (inch)	Outer Dia (mm)	Thickness (mm)
ZB.EM12	1/2"	17,9	1,07
ZB.EM34	3/4"	23,4	1,25
ZB.EM10	1"	29,5	1,45
ZB.EM114	1 1/4"	38,4	1,65
ZB.EM112	1 1/2"	44,2	1,65
ZB.EM20	2"	55,8	1,65
ZB.EM212	2 1/2"	73	1,83
ZB.EM30	3"	88,9	1,83
ZB.EM312	3 1/2"	101,6	2,11
ZB.EM40	4"	114,3	2,11



IMC Threaded Galvanized Steel Conduit Systems

Order Code	Size (inch)	Outer Dia (mm)	Thickness (mm)
ZB.IM12	1/2"	20,7	1,79
ZB.IM34	3/4"	26,13	1,9
ZB.IM10	1"	32,76	2,16
ZB.IM114	1 1/4"	41,6	2,16
ZB.IM112	1 1/2"	47,82	2,29
ZB.IM20	2"	59,94	2,41
ZB.IM212	2 1/2"	72,56	3,56
ZB.IM30	3"	88,29	3,56
ZB.IM312	3 1/2"	100,86	3,56
ZB.IM40	4"	113,43	3,56



GALVANIZED STEEL CONDUIT SYSTEMS ACCESSORIES

Screwed Coupling

Order Code	Size (Inch)
ZB.EVEK12	1/2"
ZB.EVEK34	3/4"
ZB.EVEK10	1"
ZB.EVEK114	1 1/4"
ZB.EVEK112	1 1/2"
ZB.EVEK20	2"
ZB.EVEK212	2 1/2"
ZB.EVEK30	3"
ZB.EVEK312	3 1/2"
ZB.EVEK40	4"



Rigid Coupling

Order Code	Size (Inch)
ZB.ESEK12	1/2"
ZB.ESEK34	3/4"
ZB.ESEK10	1"
ZB.ESEK114	1 1/4"
ZB.ESEK112	1 1/2"
ZB.ESEK20	2"
ZB.ESEK212	2 1/2"
ZB.ESEK30	3"
ZB.ESEK312	3 1/2"
ZB.ESEK40	4"



Screwed Box Connector

Order Code	Size (Inch)
ZB.VEB12	1/2"
ZB.VEB34	3/4"
ZB.VEB10	1"
ZB.VEB114	1 1/4"
ZB.VEB112	1 1/2"
ZB.VEB20	2"
ZB.VEB212	2 1/2"
ZB.VEB30	3"
ZB.VEB312	3 1/2"
ZB.VEB40	4"



Coupling

Order Code	Size (Inch)
ZB.DEM12	1/2"
ZB.DEM34	3/4"
ZB.DEM10	1"
ZB.DEM114	1 1/4"
ZB.DEM112	1 1/2"
ZB.DEM20	2"
ZB.DEM212	2 1/2"
ZB.DEM30	3"
ZB.DEM312	3 1/2"
ZB.DEM40	4"



GALVANIZED STEEL CONDUIT SYSTEMS ACCESSORIES

45° EMT Conduit Elbows

Order Code	Size (Inch)
ZB.45'12	1/2"
ZB.45'34	3/4"
ZB.45'10	1"
ZB.45'114	1 1/4"
ZB.45'112	1 1/2"
ZB.45'20	2"
ZB.45'212	2 1/2"
ZB.45'30	3"
ZB.45'312	3 1/2"
ZB.45'40	4"



90° EMT Conduit Elbows

Order Code	Size (Inch)
ZB.90'12	1/2"
ZB.90'34	3/4"
ZB.90'10	1"
ZB.90'114	1 1/4"
ZB.90'112	1 1/2"
ZB.90'20	2"
ZB.90'212	2 1/2"
ZB.90'30	3"
ZB.90'312	3 1/2"
ZB.90'40	4"



45° IMC Rigid Conduit Elbows

Order Code	Size (Inch)
ZB.45'D12	1/2"
ZB.45'D34	3/4"
ZB.45'D10	1"
ZB.45'D114	1 1/4"
ZB.45'D112	1 1/2"
ZB.45'D20	2"
ZB.45'D212	2 1/2"
ZB.45'D30	3"
ZB.45'D312	3 1/2"
ZB.45'D40	4"



90° IMC Rigid Conduit Elbows

Order Code	Size (Inch)
ZB.90'D12	1/2"
ZB.90'D34	3/4"
ZB.90'D10	1"
ZB.90'D114	1 1/4"
ZB.90'D112	1 1/2"
ZB.90'D20	2"
ZB.90'D212	2 1/2"
ZB.90'D30	3"
ZB.90'D312	3 1/2"
ZB.90'D40	4"



GALVANIZED STEEL CONDUIT SYSTEMS ACCESSORIES

Threaded Oval Conduit Bodies

Type LB

Order Code	Size (Inch)
ZB.LB12	1/2"
ZB.LB34	3/4"
ZB.LB10	1"
ZB.LB114	1 1/4"
ZB.LB112	1 1/2"
ZB.LB20	2"
ZB.LB212	2 1/2"
ZB.LB30	3"
ZB.LB312	3 1/2"
ZB.LB40	4"



Type LL

Order Code	Size (Inch)
ZB.LL12	1/2"
ZB.LL34	3/4"
ZB.LL10	1"
ZB.LL114	1 1/4"
ZB.LL112	1 1/2"
ZB.LL20	2"
ZB.LL212	2 1/2"
ZB.LL30	3"
ZB.LL312	3 1/2"
ZB.LL40	4"



Type LR

Order Code	Size (Inch)
ZB.LR12	1/2"
ZB.LR34	3/4"
ZB.LR10	1"
ZB.LR114	1 1/4"
ZB.LR112	1 1/2"
ZB.LR20	2"
ZB.LR212	2 1/2"
ZB.LR30	3"
ZB.LR312	3 1/2"
ZB.LR40	4"



Type T

Order Code	Size (Inch)
ZB.T12	1/2"
ZB.T34	3/4"
ZB.T10	1"
ZB.T114	1 1/4"
ZB.T112	1 1/2"
ZB.T20	2"
ZB.T212	2 1/2"
ZB.T30	3"
ZB.T312	3 1/2"
ZB.T40	4"



Type C

Order Code	Size (Inch)
ZB.C12	1/2"
ZB.C34	3/4"
ZB.C10	1"
ZB.C114	1 1/4"
ZB.C112	1 1/2"
ZB.C20	2"
ZB.C212	2 1/2"
ZB.C30	3"
ZB.C312	3 1/2"
ZB.C40	4"



Type X

Order Code	Size (Inch)
ZB.X12	1/2"
ZB.X34	3/4"
ZB.X10	1"
ZB.X114	1 1/4"
ZB.X112	1 1/2"
ZB.X20	2"
ZB.X212	2 1/2"
ZB.X30	3"
ZB.X312	3 1/2"
ZB.X40	4"



GALVANIZED STEEL CONDUIT SYSTEMS ACCESSORIES

U Bolt

Order Code	Size (inch)
ZB.UB12	1/2"
ZB.UB34	3/4"
ZB.UB10	1"
ZB.UB114	1 1/4"
ZB.UB112	1 1/2"
ZB.UB20	2"
ZB.UB212	2 1/2"
ZB.UB30	3"
ZB.UB312	3 1/2"
ZB.UB40	4"



One-Hole Straps For Rigid

Order Code	Size (inch)
ZB.TK12	1/2"
ZB.TK34	3/4"
ZB.TK10	1"
ZB.TK114	1 1/4"
ZB.TK112	1 1/2"
ZB.TK20	2"
ZB.TK212	2 1/2"
ZB.TK30	3"
ZB.TK312	3 1/2"
ZB.TK40	4"



Two-Hole Straps For Rigid

Order Code	Size (inch)
ZB.ÇK12	1/2"
ZB.ÇK34	3/4"
ZB.ÇK10	1"
ZB.ÇK114	1 1/4"
ZB.ÇK112	1 1/2"
ZB.ÇK20	2"
ZB.ÇK212	2 1/2"
ZB.ÇK30	3"
ZB.ÇK312	3 1/2"
ZB.ÇK40	4"



Steel Conduit Locknuts

Order Code	Size (inch)
ZB.KM12	1/2"
ZB.KM34	3/4"
ZB.KM10	1"
ZB.KM114	1 1/4"
ZB.KM112	1 1/2"
ZB.KM20	2"
ZB.KM212	2 1/2"
ZB.KM30	3"
ZB.KM312	3 1/2"
ZB.KM40	4"



Metallic Conduit Bushing

Order Code	Size (inch)
ZB.MB12	1/2"
ZB.MB34	3/4"
ZB.MB10	1"
ZB.MB114	1 1/4"
ZB.MB112	1 1/2"
ZB.MB20	2"
ZB.MB212	2 1/2"
ZB.MB30	3"
ZB.MB312	3 1/2"
ZB.MB40	4"



Close Nipples

Order Code	Size (inch)
ZB.NPL12	1/2"
ZB.NPL34	3/4"
ZB.NPL10	1"
ZB.NPL114	1 1/4"
ZB.NPL112	1 1/2"
ZB.NPL20	2"
ZB.NPL212	2 1/2"
ZB.NPL30	3"
ZB.NPL312	3 1/2"
ZB.NPL40	4"



Metallic Conduit Bushing

Order Code	Size (inch)
ZB.KLP12	1/2"
ZB.KLP34	3/4"
ZB.KLP10	1"
ZB.KLP114	1 1/4"
ZB.KLP112	1 1/2"
ZB.KLP20	2"
ZB.KLP212	2 1/2"
ZB.KLP30	3"
ZB.KLP312	3 1/2"
ZB.KLP40	4"

