VOLUME 4

WATER

List of Approved Products

JUNE 2026

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1.1 WATER SERVICES

Table 1.1: Main Stops - Select connections to suit Service Tubing material

Manufacturer	Model/Type	Size (mm)	Remarks
Cambridge Brass	301Series	20 to 50	AWWA C800 Compression or Kitec ends
Ford	FB, QJ and QJNK Series	20 to 50	AWWA C800 Compression or Kitec ends
Mueller	B2500 Series	20 to 50	AWWA C800 Compression or Kitec ends

Table 1.2: Service Saddles (Includes Tapped Repair Clamps)

Manufacturer	Model/Type	Size (mm)	Remarks
Cambridge Brass	810, 811, and 812 Series	Tapped Outlet 20 to 50 Pipe Size 100 to 300	AWWA C800 Service Saddles
Canada Pipeline Acc.	CR8	Tapped Outlet 20 to 50 Pipe Size 100 to 300	Tapped Boss Repair Clamp
Canada Pipeline Acc.	SC1	Tapped Outlet 20 to 50 Pipe size 100 to 300	AWWA C800 Service Saddle
Canada Pipeline Acc.	SC2	Tapped Outlet 20 to 50 Nom. Pipe OD 100 to 400	AWWA C800 Service Saddle
Robar	2406, 2408, 2506, 2616, 2626, 2706	100 to 600	AWWA C800 Service Saddles
Romac	200 Series	100 to 400	AWWA C800 Service Saddles
Romac	300 Series	100 to 750	AWWA C800 Service Saddles
Romac	SS1	Tapped Outlet 20 to 50	Tapped Boss Repair Clamp Single Bolt Assembly
Romac	SS2	Tapped Outlet 20 to 50	Tapped Boss Repair Clamp Double Bolt Assembly
Romac	SS3	Tapped Outlet 20 to 50	Tapped Boss Repair Clamp Triple Bolt Assembly
Smith-Blair	264, 265	-	Tapped Boss Repair Clamps
Smith-Blair	313, 317, 331, 325, 357	100 to 300	AWWA C800 Service Saddles
Smith- Blair	662, 663	-	AWWA C800 Tapping Sleeve

*20 mm services for retrofitting only.

Table 1.3: Water Service Unions - Select connections to suit Service Tubing material

Manufacturer	Model/Type	Size (mm)*	Remarks
A.Y. Macdonald	74758Q-66	20 to 25	AWWA C800 Lead to Copper/Kitec Conversion
A.Y. Macdonald	74758Q-68	20 to 25	AWWA C800 Lead to Copper/Kitec Conversion
Cambridge Brass	118 Series	20 to 50	AWWA C800 Compression or Kitec ends
Ford	Q and C Series	20 to 50	AWWA C800 Compression Ends
Mueller	110 Compression	20 to 50	AWWA C800 Compression or Kitec ends
Philmac	Universal Transition Coupling (UTC)	20 to 50	AWWA C800 Plastic Compression Coupling for all service tubing

*20 mm services for retrofitting only.

Table 1.4: Polyvinyl Chloride (PVC) Service Pipe

Manufacturer	Model/Type	Size (mm)	Remarks
IPEX	Blue Brute	100	AWWA C900, DR18, C.I.O.D.
IPEX	Blue Brute	100	AWWA C900, DR14, C.I.O.D.
Flex-Lox	Pressure Flex	100	AWWA C900, DR18, C.I.O.D.
Westlake Pipe & Fittings	PVC C900	100	AWWA C900, DR18, C.I.O.D.

Table 1.5: Service Tubing

Manufacturer	Model/Type	Size (mm)*	Remarks
Wolverine or Great Lakes	Type K	20 to 50	Third Party Certified to ASTM B88 NSF 61
Cerro	Type K	20 to 50	Third Party Certified to ASTM B88 NSF 61
Halstead	Type K	20 to 50	Third Party Certified to ASTM B88 NSF 61
IPEX	Q- Line PE-AL-PE	20, 25	AWWA C903, CSA-B137.10, NSF 61
Rehau	Municipex*	25 to 50	Cross Linked Polyethylene CSA B 137.5, NSF 61, NSF 14
IPEX	Blue 904*	25 to 50	Cross Linked Polyethylene CSA B 137.5, NSF 61, NSF 14, AWWA C904

* Select size by INTERNAL diameter, not by nominal diameter, see Section 02514. 20 mm services for retrofitting only.

Table 1.6: Curb Stops - Select connections to suit Service Tubing material

Manufacturer	Model/Type	Size (mm)	Remarks
Cambridge Brass	202 Series	20, 25, 40, 50	AWWA C800 Compression or Kitec ends
Ford	BH Ball Valves with QJ or QJNK Connection	20, 25, 40	AWWA C800 Compression or Kitec ends
Mueller	B-25209 Series	20, 25, 40, 50	AWWA C800 Compression or Kitec ends

*20 mm services for retrofitting only.

Table 1.7: Service Boxes Including Chairs and Rods

Manufacturer	Model/Type	Size (mm)*	Remarks
Norwood Foundry	Complete Service Box	20, 25	Conforms to Dwgs WA-005-003 and WA-005-004
Norwood Foundry	Complete Service Box	40, 50	Conforms to Dwgs WA-005-005 and WA-005-006
Trojan Industries	Complete Service Box	20, 25	Conforms to Dwgs WA-005-003 and WA-005-004
Trojan Industries	Complete Service Box	40, 50	Conforms to Dwgs WA-005-005 and WA-005-006
Westview Sales	Complete Service Box	20, 25	Conforms to Dwgs WA-005-003 and WA-005-004
Westview Sales	Complete Service Box	40, 50	Conforms to Dwgs WA-005-005 and WA-005-006

*20 mm services for retrofitting only.

Table 1.8: CC Support Block

Manufacturer	Model/Type	Size (mm)	Remarks
Re-Plastics Ltd.	-	40x180x300, 40x140x300	-

1.2 WATER MAINS

Table 1.9: Polyvinyl Chloride (PVC) Water Pipe

Manufacturer	Model/Type	Size (mm)	Remarks†
IPEX	Blue Brute	100 to 300	-
IPEX	Terra Brute*	100 to 600	-
IPEX	Centurion	350 to 900	-
IPEX	Centurion	950 to 1050	-
IPEX	Fusible Brute*	100 to 450	-
Westlake Pipe & Fittings	Aquaspring C900 IB PVC Pressure Pipe	100 to 300	-
Westlake Pipe & Fittings	Aquaspring C900 IB PVC Pressure Pipe	350 to 900	-
Westlake Pipe & Fittings	Aquaspring C900 Certa-Lok RJIB Pressure Pipe	150 to 600	Comes with Fluid-Tite Gasket
Next Polymers	Aqualoc	100 to 400	-
Northern Pipe Products Inc.	C900	100 to 300	-
Northern Pipe Products Inc.	C900	350 to 750	-
Diamond Plastics	C900	100 to 300	-
Diamond Plastics	C900	350 to 450	-

*On a project specific basis only

†All listed products must meet the specifications of AWWA C900 for CIOD pipe

Table 1.10: Polyethylene (PE) Water Pipe*

Manufacturer	Model/Type	Size (mm)	Remarks
Driscopipe	4000 or 4100	All	AWWA C906 DR11
KWH Pipe	Sclairpipe	100 to 1200	AWWA C906 DR11

* On a project specific basis only

Table 1.11: Concrete Steel Cylinder Water Pipe*

Manufacturer	Model/Type	Size (mm)	Remarks
Hyprescon	Hyprescon C303	450	AWWA C303
Hyprescon	Hyprescon C301	600 to 1350	AWWA C301

* On a project specific basis only

Table 1.12: Ductile Iron Water Pipe*

Manufacturer	Model/Type	Size (mm)	Remarks
Canada Pipe	Tyton Joint	150 to 600	AWWA C151

* On a project specific basis only

Table 1.13: Lubricants

Manufacturer	Model/Type	Remarks
J.C. Whitlam Manufacturing Co.	Blue Lube Pipe Gasket Lubricant	NSF 61 Paste
G.P. Chemicals	Rehau Pipe Lubricant	NSF 61 Paste
G.P. Chemicals	Pipe Lubricant	NSF 61 Paste
G.P. Chemicals	Ipex Pipe Lubricant	NSF 61 Paste
Liquid Ease*	One Bolt Fitting Lubricant	Spray
Robar	Slykstyx	NSF 61 Spray

* For use on one-bolt fittings only. This product is not a pipe lubricant.

Table 1.14: Water Main Tracing

Manufacturer	Model/Type	Size	Remarks
Rhino	Blue Tri-View Test Station with Water Pipeline Decal	48”, 54”, 60”, 66”, 72”, 78”, 84”, 90”	Include “CALL EPCOR DISPATCH 780-412-4500” on decal per standard drawing WA-002-012.

1.3 FITTINGS

Table 1.15: Couplings (PVC)

Manufacturer	Model/Type	Size (mm)	Remarks
CertainTeed	HD	100 to 300	AWWA C900
Westlake Pipe & Fittings	PVC Machined Repair Couplings	250, 300	AWWA C900 Min DR 14, rated DR18
IPEX	Blue Brute	100 to 300	AWWA C907
Westlake Pipe & Fttings	Westlake PVC Coupling	100 to 200	AWWA C907
IPEX	PVC Tapped Couplings	150 to 200 x 20 to 50 Single or double tap	AWWA C907 Injection Moulded
IPEX	PVC Repair Couplings (without pipe stop)	100 to 300	AWWA C907 Injection Moulded
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Reducer Couplings DR18	200 to 600	CSA B137.3 Up to 4 sizes of reduction only.
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Repair Couplings (without pipe stop) DR18	350 to 600	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Reducer Couplings DR25	762 to 914	CSA B137.3 Up to 4 sizes of reduction only.
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Repair Couplings (without pipe stop) DR25	762 to 914	CSA B137.3

Table 1.16: Bolted Sleeve Couplings and Adaptors

Manufacturer	Model/Type	Size (mm)	Remarks*
Besco	Dresser Style 38	Up to 1800	-
Canada Pipeline Acc.	CDB	100 to 300	-
Canada Pipeline Acc.	200	100 to 1350	-
Canada Pipeline Acc.	Quantum Model 461	100 to 300	-
EBAA Iron Works	Series 3800	100 to 300	-
Glynwed Pipe Systems	GPS Couplings	50 to 600	-
Hymax	2000	100 to 600	-
Mueller	MaxiRange	100 to 400	-
Robar	1500 Series	100 to 600	-
Robar	Vantage	100 to 300	-
Robar	1900 Series	300 to 1350	-
Robar	7500 Series FCA	100 to 300	-
Robar	7900 Series FCA	100 to 600	-
Robar	1696-2B	100 to 300	-
Romac	400	450 to 600	-
Romac	FC 400	450 to 600	-
Romac	TC 400	300 to 600	-
Romac	501	100 to 600	-
Romac	FCA 501	100 to 300	-
Romac	Macro	100 to 300	-
Romac	ALPHA Coupling	100 to 300	-
Smith Blair	411	100 to 1350	-
Smith Blair	413	100 to 600	-
Smith Blair	441	100 to 300	-
Smith Blair	912	100 to 300	-
Smith Blair	913	100 to 600	-
Smith Blair	421 Top Bolt	100 to 600	-
Viking Johnson	Maxifit	50 to 600	-

*All products listed must meet the specifications of AWWA C219 and must be Epoxy coated using T304 stainless steel fasteners.

Table 1.17: Water Main Fittings

Manufacturer	Model/Type	Size (mm)	Remarks
IPEX	PVC Tees Branch same dia. or smaller	Run: 100 to 200 Branch: 100 to 300	AWWA C907 Injection Moulded
IPEX	PVC Elbows	100 to 300	AWWA C907 Injection Moulded
IPEX	PVC plugs	100 to 300	AWWA C907 Injection Moulded
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Tees DR18 Branch same dia. or smaller	Run: 250 to 300 Branch: 100 to 300	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Tees DR18 Branch smaller dia. than run	Run: 350 to 600 Branch: 100 to 500	CSA B137.3 Branch same dia. as run NOT APPROVED
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Crosses DR18 Branch same dia. or smaller	Run: 150 to 300 Branch: 100 to 300	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Crosses DR18 Branch smaller dia. than run	Run: 350 to 600 Branches: 100 to 500	CSA B137.3 Branches same dia. as run NOT APPROVED
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Bends (90°, 45°, 22½°, 11¼°, 5°) DR18	250 to 600	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Caps DR18	100 to 600	CSA B137.2
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Plugs DR18	350 to 600	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Tees DR25 Branch smaller dia. than run	762 to 914	CSA B137.3 Branch same dia. as run NOT APPROVED
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Crosses DR25 Branch smaller dia. than run	762 to 914	CSA B137.3 Branches same dia. as run NOT APPROVED
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Bends (90°, 45°, 22½°, 11¼°, 5°) DR25	762 to 914	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Caps DR25	762 to 914	CSA B137.3
IPEX/ Westlake Pipe & Fittings/ Galaxy Plastics	Fabricated PVC Plugs DR25	762 to 914	CSA B137.3
Westlake Pipe & Fittings	PVC Plugs and Caps By Harco	100 to 200	AWWA C907 Injection Moulded
Westlake Pipe & Fittings	PVC Elbows By Harco	100 to 200	AWWA C907 Injection Moulded
Westlake Pipe & Fittings	PVC Tees By Harco	100 to 200	AWWA C907 Injection Moulded
Clow / McAvity	CI Water Main Fittings	100 to 300	AWWA C110
Norwood Foundry	CI Water Main Fittings	100 to 600	AWWA C110
Sigma	CI Tyton Joint Fittings	100 to 600	AWWA C110

Manufacturer	Model/Type	Size (mm)	Remarks
Terminal City	Ductile Iron Fittings	100 to 900	AWWA C110
Tyler	Grey Iron Fittings	100 to 600	AWWA C110
One Bolt Inc.*	One Bolt Fitting	100 to 300	AWWA C111

* On a project specific basis only

Table 1.18: Tapping Sleeves

Manufacturer	Model/Type	Size (mm)	Remarks
Ford	FAST	100 to 600	AWWA C207
Ford	FTSC	100 to 750	AWWA C207
JCM	412	150 to 750	AWWA C223
JCM	415	-	AWWA C301, C303 Concrete Cylinder Pipe only
JCM	422	100 to 300	AWWA C223 PVC and Steel Pipe only
JCM	432	100 to 600	AWWA C223, C228
Robar	6606 (Stainless Steel) 6906 (Carbon Steel)	100 to 600	AWWA C223 (Carbon Steel to be Epoxy Coated)
Romac	FTS 420	150 to 750	AWWA C223
Romac	FTS 445	-	AWWA C223, Steel Pipe Only
Romac	SST Series	100 to 750	AWWA C223
Smith-Blair	600 Series 622 Series (Steel) 626 Series (Steel)	100 to 750	AWWA C223

Table 1.19: Expansion Joints

Manufacturer	Model/Type	Size (mm)	Remarks
Romac	EJ400	100 to 600	AWWA C221
Robar	8808	100 to 600	AWWA C221
Smith-Blair	611/612	100 to 600	AWWA C221

1.4 VALVES

Table 1.20: Butterfly Valves

Manufacturer	Model/Type	Size (mm)	Remarks
DeZurik	BAW	450 to 3000	AWWA C504
DeZurik	BAW	100 to 200	Air/Vacuum control
K Flow (Crispin)	500 Series	75 to 600	AWWA C504
K Flow (Crispin)	47 Series	750 and up	AWWA C504
M&H (Clow)	4500	100 to 600	AWWA C504
M&H (Clow)	1450	750 to 1200	AWWA C504
Pratt / Mueller	Lineseal / MKII, 2FII	450 to 500	AWWA C504
Pratt / Mueller	Lineseal / XR-70	600 to 3600	AWWA C504
Pratt / Mueller	Lineseal / HP-250	450 to 1350	AWWA C504
Pratt / Mueller	Lineseal / 2FII	100 to 200	Air/Vacuum control

Table 1.21: Gate Valves

Manufacturer	Model/Type	Size (mm)	Remarks
American AVK	Series 45	100 to 400	AWWA C509, NRS
Clow	McAvity/Solid Wedge	100 to 750*	AWWA C500, NRS
Clow	Resilient Wedge 2639Terminal	100 to 300	AWWA C509, NRS
Clow	Resilient Wedge 2638	350 to 450	AWWA C515, NRS
Mueller	RW A2360 / A2362	100 to 300	AWWA C509, NRS
Mueller	Resilient Wedge A2361	350 to 1200*	AWWA C515, NRS
Terminal City	Solid Wedge	100 to 300	AWWA C500, NRS
East Jordan Iron Works	Resilient Wedge	100 to 400	AWWA C515, NRS
American Flow Control	RW Series 2500, 2500-1	100 to 1200*	AWWA C515, NRS

* Bevel Gear required for 450 mm & larger gate valves to allow horizontal installation unless depth of bury ensures the bonnet is below the frost line.

Table 1.22: Check Valves

Manufacturer	Model/Type	Size (mm)	Remarks
Mueller	A 2600 / 52 SCS-1	100 to 300	-
Mueller	A 2122	100 to 300	For Direct Bury Purposes
APCO Willamette	5800, 5800B	450 to 1500	-
APCO Willamette	9000, 9000L	100 to 1500	-
APCO Willamette	300 Series	100 to 250	-
APCO Willamette	600 Series	100 to 1050	-
APCO Willamette	100 Series	100 to 600	-

Table 1.23: Automatic Air Valves

Manufacturer	Model/Type	Size (mm)	Remarks
APCO Willamette	50 Series	12 to 25	-
APCO Willamette	140 Series	10 to 75	-
APCO Willamette	143C to 151C	25 to 200	-
APCO Willamette	150 Series	100 to 750	-
APCO Willamette	200A Series	25, 50	-
ARI Flow Control Accessories	K, S and D Models	20 to 50	NSF 61

Table 1.24: Manual Air Valves

Manufacturer	Model/Type	Size (mm)	Remarks
Crane	438	15 to 80	Full Port Bronze Gate Valve
Crane	1701	6 to 80	Full Port Bronze Gate Valve
Boshart	814	15 to 100	Full Port Bronze Gate Valve
Newman Hattersly	33	15 to 50	Full Port Bronze Gate Valve
Jenkins	310J	15 to 80	Full Port Bronze Gate Valve
Kitz	40	10 to 50	Full Port Bronze Gate Valve
Nibco	T - 113	8 to 80	Full Port Bronze Gate Valve
Toyo	206A	10 to 100	Full Port Bronze Gate Valve

Table 1.25: Pressure Reducing Valves

Manufacturer	Model/Type	Size (mm)	Remarks
Singer	106 PR	100 to 400	or equivalent

Table 1.26: Flow Control Valves

Manufacturer	Model/Type	Size (mm)	Remarks
Cla-Val Co.	Hytrol	10 to 900	or equivalent

Table 1.27: Valve Casings and Middle Extensions

Manufacturer	Model/Type	Size (mm)	Remarks
Norwood Foundry	Type B (Screw)	-	Conforms to Dwgs **Error! Reference source not found.** to WA-003-005
Trojan Industries	Type B (Screw)	-	Conforms to Dwgs **Error! Reference source not found.** to WA-003-005
SIGMA	Type B (Screw)	-	Conforms to Dwgs **Error! Reference source not found.** to WA-003-005
Westview Sales	Type B (Screw)	-	Conforms to Dwgs **Error! Reference source not found.** to WA-003-005
Trojan Industries	EPCORVBR - ##	-	Trojan part number is EPCORVBR- ## where ## is the length in inches. Part name is EPCOR Extension Rod ##.

1.4.1 BACK-FLOW PREVENTERS

1.4.1.1 Where backflow prevention is required, in accordance with the Plumbing Code of Canada, and the City of Edmonton Waterworks Bylaw, backflow prevention devices shall be selected and installed in compliance with CSA Manual B64 (current edition).

1.5 FIRE HYDRANTS

Table 1.28: Fire Hydrants

Manufacturer	Model/Type	Size (mm)	Remarks
American AVK	2780 Nostalgic	150	AWWA C502
Mueller	Canada Valve Century	150	AWWA C502
McCavity (Clow)	Brigadier (M67)	150	AWWA C502
Mueller	Modern Centurion	150	AWWA C502
East Jordan Iron Works	Watermaster (5CD250)	150	AWWA C502

Note: Most suppliers offer a modern or a heritage style body, with the same working parts.

1.6 COATINGS AND LININGS

Table 1.29: Epoxy Coatings and Linings

Manufacturer	Model/Type	Size (mm)	Remarks
3M	Scotchkote 134	-	AWWA C213 and C550

Table 1.30: Plant Coatings

Manufacturer	Model/Type	Size (mm)	Remarks
Fusion Bonded Epoxy (FBE)	-	-	AWWA C116, NSF 61
Shaw Pipe	Yellow Jacket 1 External Coating	Up to 600	Steel and DI Pipe

Table 1.31: Tape Coatings (Cold Applied)

Manufacturer	Model/Type	Size	Remarks
Denso	Primer and Tape	-	AWWA C217
Interprovincial Corrosion Control	Primer, Mastic and Tape	-	AWWA C217
Polyguard	600 Primer & Tape	-	AWWA C209
Polyken	1027 or 1029 Primer and 930 Tape	-	AWWA C209
Polyken	YGIII Tape	-	AWWA C214
Premier Coating	Primer and LT Tape	-	AWWA C217
Renfrew	327 Primer and 303-35 Tape	-	AWWA C209, C214
Royston	747 Primer and Greenline Tape	-	AWWA C209
Trenton	Tec-Tape	-	AWWA C217
Advanced Corrosion Solutions	Tape, Mastic and Primer	-	AWWA C217-09
PCS	Tape, Mastic and Primer	-	AWWA C217-09

Table 1.32: Heat-Shrinkable Sleeves (Exterior Protection – Joints/Flanges/Fittings)

Manufacturer	Model/Type	Size (mm)	Remarks
Canusa - CPS	Aqua - Shield	-	AWWA C216 NACE Std. RP0303-2003

1.7 CATHODIC PROTECTION

Table 1.33: Cathodic Protection Weld Protection Materials

Manufacturer	Model/Type	Size (mm)	Remarks
Royston	Roybond 747	-	-
Royston	Handicap IP	-	-
Polyken	1027	-	-
Polyken	931	-	-
Polyguard	600	-	-
KEMA	250-12	-	Same as KEMA 250 but with 12 mm polyethylene film on one side instead of being double sided adhesive.
KEMA	250	-	-

Table 1.34: Cathodic Protection Splice Protection Materials

Manufacturer	Model/Type	Size (mm)	Remarks
3M	8420 Series Cold Shrink Connector	-	-
3M	Scotchfil Putty	-	-
3M	Scotch 130C Linerless Rubber Splicing Tape	-	-
3M	Super 33+ Vinyl Plastic Electrical Tape	-	-
Raychem	WCSM – 9/3	-	-

1.8 MAINTENANCE HOLES

Table 1.35: Maintenance Hole Frames and Covers

Manufacturer	Model/Type	Size (mm)	Remarks
Norwood Foundry	F-39 (Type 6A)	-	Must be marked “WATER” and include 2 – 25 mm holes with plugs.
Trojan Industries	TF-39 (Type 6A)	-	Must be marked “WATER” and include 2 – 25 mm holes with plugs.
Norwood Foundry	PM-A	-	Must be marked “WATER” and include 2 – 25 mm holes with plugs.
Trojan Industries	PM-A	-	Must be marked “WATER” and include 2 – 25 mm holes with plugs.

Table 1.36: Alarms (Hatch)

Manufacturer	Model/Type	Size (mm)	Remarks
Municipal Solutions	HG (Hatch Guard)	N/AP	Remote intrusion alarm

1.9 MISCELLANEOUS

Table 1.37: Insulation

Manufacturer	Model/Type	Pipe Size (mm)	Remarks
DuPont	Highload 40	N/AP	CAN/ULC-S701 25 mm to 100 mm thickness
Beaver Plastics	Terrafoam HS40	N/AP	CAN/ULC-S701 Expanded Polystyrene Up to 600 mm thickness
Owens Corning	FOAMULAR 400	N/AP	CAN/ULC-S701 25 mm to 100 mm thickness
Urecon	Pre-Insulated Pipe	150 to 300	Rigid Polyurethane Coating Certain restrictions apply
Urecon	Spray On Insulation	N/AP	For structure applications only, do not use on PVC pipe

Table 1.38: Pipe Casing Spacers

Manufacturer	Model/Type	Size (mm)	Remarks
APS	SIM	100 to 600	-
APS	SI12	600 to 3000	-
BWM	SS-8	100 to 600	Supplier: B&A Mfg.
BWM	SS-12	750 to 1500	Sizes >900 Consult Factory
PSI	Uni-Flange Restrained Casing Spacers	100 to 600	ASTM A536, ASTM A242, AWWA C111
PSI	Booster, A8GI, A12GI	-	-
PSI	Ranger Midi 65	150 to 300	65 mm runner height only
Raci	F	Up to 528 O.D.	-
Raci	E	Up to 2861 O.D.	-
Cretex	Pro-Ring	-	Using supplier recommended M1 sealant

Table 1.39: Waterproofing

Manufacturer	Model/Type	Pipe Size (mm)	Remarks
Innovative Manufacturing	Spray On Roof Coating	N/AP	7505 H/D Fibrated roof coating For structure applications only, do not use on PVC pipe
XYPEX	Base Coat: Concentrate Top Coat: Modified	N/AP	For structure applications only, do not use on PVC pipe

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