

**Approved Product List
Storm Sewer, Roads and Traffic**

Product	Type	Specifications	Manufacturer	Description/Model	Comments
Main Line Non-Pressure Pipe	Polyvinyl Chloride (PVC) Solid Wall 250mm ø to 375mmø inclusive	CSA B182.2 ASTM D 3034 DR 35 minimum Minimum pipe stiffness - 320 kPa	Ipex Inc.	Ring Tite	▪Rubber gasket bell and spigot joints
			NAPCO/ Royal Pipe	Royal Seal	
			Diamond Pipe	Sani-21	
			Next Polymers	Duraloc	
			National Pipe & Plastics Inc.	Ever-Green	
	Polyvinyl Chloride (PVC) Solid Wall 450mm ø and larger	CSA B182.2 ASTM F 679 (T-1) DR 35 minimum Minimum pipe stiffness - 320 kPa	Ipex Inc.	Ring Tite	▪Fittings ASTM F679 (T-1)
			Next Polymers	Duraloc	▪Rubber gasket bell and spigot joints
			National Pipe & Plastics Inc.	Ever-Green	
			NAPCO/Royal Pipe	Royal Seal	
	Polyvinyl Chloride (PVC) Profile (Ribbed) Wall 200mm ø to 450mm ø inclusive	CSA B182.4 ASTM F-794 Minimum pipe stiffness - 320 kPa	Ipex Inc.	Ultra-Rib	▪Rubber gasket bell and spigot joints
			NAPCO/Royal Pipe	Korflo	
	Concrete up to and including 900mm ø	CSA A257.1, A 257.2 and A257.3 (whichever applies) OPSS 1820			▪Manufactured at a prequalified plant and marked with a "Prequalification Stamp" (triangular symbol)
Concrete larger than 900mm ø	CSA A257.2 Joints - CSA A257.3 OPSS 1820			▪Manufactured at a prequalified plant and marked with a "Prequalification Stamp" (triangular symbol)	
High Density Polyethylene (HDPE)	ASTM F894 CSA B182.8 Minimum pipe stiffness - 320 kPa	Infra Pipe Solutions	Weholite	▪Smooth outer and smooth inner wall	
		Armtec	BOSS 2000	▪to be installed through MH's in a continuous fashion per manufacturers recommendations	
		Soleno Inc	Solflo Max		
		ADS/Hancor	N-12 ST/WT		
Culvert Pipe	High Density Polyethylene (HDPE)	ASTM F894 ASTM D3350/AASHTO M294 Minimum Pipe Stiffness - 320 kPa CSA B182.8	Infra Pipe Solutions	Weholite	
			Soleno Inc	Solflo Max	
			ADS/Hancor	N-12 ST/WT	
			Armtec	BOSS 2000	
Subdrain	Corrugated High Density Polyethylene	ASTM F405/AASHTO M-252	ADS/Hancor	ADS Highway Pipe	
		BNQ 3624-115	Soleno Inc	Solflo Drain	
		ASTM F667/AASHTO M294	DMX Plastics	DMX Flextube	
	100mm -600mm Polyethylene Pipe	ASTM F405	DMX Plastics	DMX Polyethylene Storm Pipe	
Service Connections	Polyvinyl Chloride (PVC) Solid Wall	CSA B182.1 ASTM D 3034 Fittings - ASTM D 3034 minimum pipe stiffness - 630 kPa (SDR 28)			▪Rubber gasket bell and spigot joints ▪White in colour

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Adaptor Couplings			Rollee	Kwik Coupling		
			Mission Rubber Co.	Adjustable Repair Couplings (ARC)		
			Preper-PLS	Preper		
Repair Clamps		CSA B 602	Rollee	Kwik Coupling		
			Mission Rubber Co.	Flex-Seal - ARC		
			Cambridge Brass	Series 425		
			Romac Industries	SS Repair Clamp		
Precast Maintenance Hole and Components	Concrete	CSA A257.4 ASTM C-478 OPSS 1351	Con Cast Pipe		•Includes precast drop structure	
			M Con Pipe & Products			
			Forterra Pipe			
			Munro Concrete Products			
	Pre-Benched	same as Concrete	Con Cast Pipe		•for 200mm and 250mm inlet and outlet pipes only.	
Precast Catch Basins	Concrete	OPSS 1351 OPSD 702.040	Con Cast Pipe			
			Forterra Pipe			
			Munro Concrete Products			
Maintenance Hole Frame and Cover	Standard	OPSD 401.01 - Type A, no lugs	EJ			
			Bibby Ste. Croix			
			Sigma Corp.			
			Conqueror BMI			
			R.B. Agarwalla			
		OPSD 401.03, no lugs	Conqueror BMI			
			Bibby Ste. Croix			
			Cedar Infrastructure Products			
			EJ			
Catch Basin Frame and Cover	Curb Inlet	OPSD 400.082	R.B. Agarwalla			
			Conqueror BMI			
			Domcast			
			EJ			
			Star Pipe			
	Perforated Openings		OPSD 400.100	Bibby Ste. Croix		
				R.B. Agarwalla		
				Conqueror BMI		
				EJ		
				Star Pipe		
Bibby Ste. Croix						
Maintenance Hole / Catch Basin Adjustment Units	Pre-Cast Concrete	OPSS 1853		Munro		
	Shims	HDPE		Ken Taylor Industries	Moduloc	
	Polyethylene	OPSD 704.011		Ipex	Lifesaver	

