

## MATERIAL DESCRIPTION AND SPECIFICATIONS

Material	Description	Specifications	
		AASHTO	ASTM
Zinc Coated Sheets and Coils	Steel base metal* with 610 g/m <sup>2</sup> (2 oz/ft <sup>2</sup> ) zinc coating	M-218	A929M
Polymer Coated Sheets and Coils	Polymer coatings applied to sheets* and coils* 9.25 mm (0.010 in.) thickness each sides	M-246	A742M
Fiber Bonded Coated Coils	Steel base metal with zinc coating and fibers pressed into the zinc while molten to form fiber bonded coating	-	A885
Aluminum Coated Coils	Steel base metal* coated with 305 g/m <sup>2</sup> (1 oz/ft <sup>2</sup> ) of pure aluminum	M-274	A929M
Sewer and Drainage Pipe	Corrugated pipe fabricated from any of the above sheets or coils. Pipe is fabricated by corrugating continuous coils into helical "form with lockseam or welded seam, or by" rolling annular corrugated mill sheets and riveting seams:		
	1. Galvanized corrugated steel pipe	M-36	A760M
	2. Polymeric pre-coated sewer and drainage pipe	M-245	A762M
	3. Fiber bonded impregnated corrugated steel pipe	-	A760M
	4. Aluminized corrugated steel pipe	M-36	A760M
	5. Structural plate pipe	M-167	A761M
Asphalt Coated Steel Sewer Pipe	Corrugated steel pipe of any of the types shown above with a 1.3 mm (0.0050 in.) high purity asphalt cover	M-190	A849 A862
Invert Paved Steel Sewer Pipe	Corrugated steel pipe of any one fo the types shown above with an asphalt pavement poured in the invert to cover the corrugation by 3.2 mm (1/8 in.)	M-190	A849 A862
Fully Lined Steel Sewer Pipe	Corrugated steel pipe of the types shown above:		
	1. With an internal asphalt lining centrifugally spun in place	M-190	A849, A862

	2. Corrugated steel pipe with a single thickness of smooth sheet fabricated with helical ribs projected outward	M-36	A760M
	3. With an internal concrete lining in place	M-36	A849, A979M
	4. Corrugated steel pipe with a smooth steel liner integrally formed with the corrugated shell.	M-36	A760M
Cold Applied Bituminous Coatings	Fibrated mastic or coat tar base coatings of various viscosities for field or shop coating of corrugated pipe or structural plate	M-243	A849
Gaskets and Sealants	1. Standard O-ring gaskets	_	D1056
	2. Sponge neoprene sleeve gaskets		
	3. Gasketing strips, butyl or neoprene	_	C361
	4. Mastic sealent		
Notes: *Yield point 0230MPa (33ksi) min.; tensile strength - 310MPa (45 ksi) min.; Elongation (50 mm/2 in.) - 20% min.			

To order specifications, go to [ASTM](#) or [AASHTO](#).