

Material Descriptions		Specifications	
Materials	Description	AASHTO	ASTM
Zinc Coated Sheets and Coils	Steel base metal* and with 2 oz. per ft.** zinc coating.	M-218	A444
Polymer Coated Sheets and Coils	<p>Polymer coatings applied to sheets* and coils* as follows:</p> <p>a. one side only, 0.010 in.</p> <p>b. 0.010 in. one side, 0.003 in. the other side</p> <p>c. 0.010 in. both sides</p>	M-246	A742
Fiber Bonded Sheets	Steel base metal* with zinc coating and fibers pressed into the zinc while molten to form fiber coating.		A885
Aluminum Coated Coils	Steel base metal* same coated with 1 oz. per ft.** new font of pure aluminum.	M-274	A819
Zinc-Aluminum Coated Coils	Steel based metal coated with 0.70 oz. per ft.** of an aluminum alloy.	M-289	A806
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 riveting or spot welding annular corrugated sheets.		
	1. Galvanized corrugated steel pipe	M-36	A760
	2. Polymeric pre-coated sewer and drainage pipe	M-245	A762
	3. Fiber impregnated corrugated steel pipe		A760
	4. Aluminum Type 2 corrugated steel pipe	M-36	A760
	5. Aluminum-Zinc alloy coated corrugated steel pipe	M-36	A760
	6. Structural plate pipe	M-167	A761
Asphalt Coated Steel Sewer Pipe	Corrugated steel pipe of any one of the types listed above with a 0.050 in. asphalt coating	M-190	A849

Invert Paved Steel Sewer Pipe	Corrugated steel pipe of any one of the types listed above a. Asphalt coated pipe with 0.050 in. asphalt coating and a pavement poured in the invert to cover the corrugation by 1/8 in.	M-190	A849
	b. With a field applied 3 in. concrete invert or 1 1/2 in. high strength (9600psi) concrete invert.		A849
	c. With polymer material applied 0.050 in. above the crest in the invert.		A849
Fully Lined Steel Sewer Pipe	Corrugated steel pipe of the types listed above a. With internal asphalt lining centrifugally spun in place or ...	M-190	A849
	b. With an internal concrete lining in place or ...		A849
	c. Corrugated steel pipe with a smooth steel liner integrally formed with the corrugated shell or ...	M-36	A760
	d. Corrugated steel pipe with a single thickness of a smooth sheet fabricated with helical ribs projecting outward ...	M-36	A760
Gaskets and Sealants	1. Standard o-ring gaskets 2. Sponge neoprene sleeve gaskets 3. Gasket strips, butyl or neoprene 4. Mastic sealant		D1056

*yield point - 33 ksi min.; tensile strength - 45 ksi min.; elongation (2 in.) - 20% min.