

# Pipe A-40

# Corrugated Metal Culvert

## Galvanized & Aluminized Type II Corrugated Metal Culvert

Our complete line of corrugated metal culvert is available in both spiral galvanized and spiral aluminized. Culvert can be supplied in standard 10, 12 and 20 ft. lengths or custom ordered in 14 and 16 ft. lengths. Culvert is available in either solid or perforated. Stock sizes available in 6" to 24" diameters; larger sizes to 96" diameter available by special order.

### DESCRIPTION:

- Standard Galvanized: The basic steel sheets of all corrugated pipe and pipe-arches are zinc coated on both sides. Weight of coating in accordance with ASTM Designation A 444 is 2 oz. of zinc per square foot of sheet (1 oz. on each side).
- Aluminized Type II is a carbon sheet steel with hot-dip coating of aluminum and has the surface characteristics of aluminum and mechanical properties of steel.
- Polymer coated is carbon sheet steel bonded with an adhesive thermo plastic material 10 mils thick.



### SHORT SPEC:

- Galvanized corrugated metal culvert shall conform to AASHTO M-218, M-36, T-249 and AASHTO-444.
- Aluminized Type II conforms to AASHTO M-274.
- Polymer coated culvert shall conform to AASHTO M246, ASTM A-762, D658, D529, D1005 and D543.
- Culvert nuts and bolts shall conform to AASHTO M-232.

PIPE SIZE	GAUGE	PRODUCT NUMBERS				
		CORRUGATED GALVANIZED METAL CULVERT				
		10'	12'	20'	PERF 20'	BANDS
6"	18	70050 2	NA	70050 1	70070	70090
8"	16	70110 2	NA	70110 1	70130	70150
10"	16	70170 2	NA	70170 1	70190	70210
12"	16	70230 3	70230 2	70230 1	70260	70280
15"	16	70300 3	70300 2	70300 1	70330	70350
18"	16	70370 3	70370 2	70370 1	70400	70420
24"	16	70510 3	70510 2	70510 1	70540	70560
30"	14	70580 3	70580 2	70580 1	NA	70630
36"	14	70650 3	70650 2	70650 1	70680	70700
42"	14	—	—	70724	NA	70774
48"	12	—	—	70790	70820	70840

PIPE SIZE	GAUGE	PRODUCT NUMBERS				
		ALUMINIZED TYPE II				COATED PIPE
		10'	12'	20'	BANDS	
6"	16	NS	NS	NS	NS	—
8"	16	NS	NS	NS	NS	—
10"	16	NS	NS	NS	NS	—
12"	16	70231 2	70231 4	70231 3	70277	—
15"	16	70305	70307	70306	70354	—
18"	16	70372 2	70372 3	70372 1	70418	—
24"	14	70512 25	70512 35	70512 4	70555	—
30"	14	—	—	—	—	—
36"	14	—	—	—	—	—
42"	14	—	—	—	—	—
48"	12	—	—	—	—	—

### NOTES:

- Polymer coated culvert is stocked in limited quantities. Please contact your Team EJP sales office for availability.
- See Section B for metal culvert fittings.
- NS= Non-stock, NA= Not available.
- Other gauges are available upon request.

# Pipe A-41

# Corrugated Metal Culvert



## Arch Pipe\*

Arch Pipe is used in applications where cover over the pipe is minimal. The low, wide pipe-arch design distributes the required end area horizontally and provides adequate capacity without lowering grade. Fill work and grading are often reduced by as much as 25%. The pipe-arch design is also functional where fast, unrestricted runoff is required. It also is more effective at low water levels than round pipe.

\* Call your local Team EJP sales office for more information.

## Polyethylene End Sections

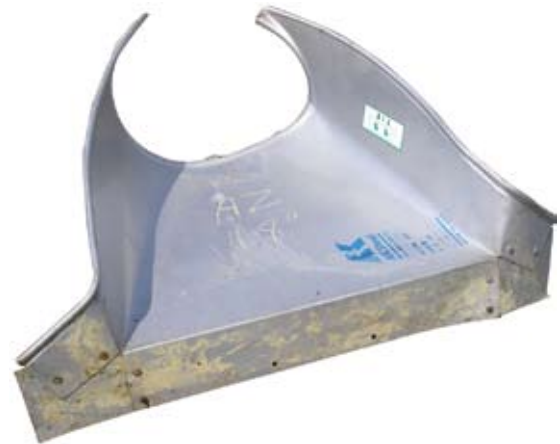
Polyethylene End Sections are lightweight and durable and easy to install. End Sections are produced using high molecular weight, high density polyethylene, meeting ASTM D-1248 specifications.



PIPE SIZE	PRODUCT NUMBER	
	NEW ENGLAND	MID-WEST
12"	78388	—
12"-15"	78402	78402
15"	78413	—
18"	78426	78427
24"	78443	78442
30"	78553 1	78553
36"	78557	78557 1

## Metal End Sections

End sections provide an economical, attractive, hydraulically efficient and durable inlet and outlet on culverts. End sections provide protection against erosion and scouring. They improve hydraulic capacity by channeling flow into and out of the pipe efficiently. End sections can be used with both annular and spiral corrugated steel pipe. They are also reusable if lengthening or relocating the drainage structure is necessary. End sections are available in standard circular or arch pipe configurations, and either plain galvanized or bituminous coated.



PIPE SIZE	PRODUCT NUMBER	
	GALVANIZED	COATED
8"	70151	—
10"	70211	—
12"	71220	71230
15"	71240	71250
18"	71260	71270
24"	71280	71290
30"	71300	71310
36"	71302	71313
CULVERT NUTS & BOLTS		71315