

ENT accessories

Transition adapters



Male ENT to Schedule 40 PVC conduit

Carlson exclusive...Carlson male ENT to Schedule 40 PVC conduit transition adapters are designed to connect Schedule 40 conduit to Carlson Flex-Plus Blue ENT boxes and fittings. Simply solvent cement the PVC adapter to the Schedule 40 conduit

and snap the adapter into the Carlson's "quick connect" snap-in connector on the box or fitting. Carlson male ENT to Schedule 40 adapters are concrete-tight and available in sizes ½ in., ¾ in. and 1 in.



Cat. no.	Size (in.)	Std. ctn. qty.	Std. ctn. wt. (lb)
A263D	½ ENT to ½ Sch. 40	100	2.4
A263E	¾ ENT to ¾ Sch. 40	100	3.2
A263F	1 ENT to 1 Sch. 40	100	4.5



ENT to EMT

Carlson ENT to EMT transition adapters are designed to easily transition from Carlson Flex-Plus Blue ENT to EMT using Carlson's "quick connect" snap-in design. The EMT is held securely in place using the small screw provided. This helps prevent

the EMT from slipping/shifting out of the adapter. All ENT to EMT adapters are manufactured out of polycarbonate material to provide extra strength and durability. They're concrete-tight and available in sizes ½ in., ¾ in. and 1 in.



Cat. no.	Size (in.)	Std. ctn. qty.	Std. ctn. wt. (lb)
A245D	½ ENT to ½ EMT	100	3.4
A245E	¾ ENT to ¾ EMT	100	4.1
A245F	1 ENT to 1 EMT	100	5.4



Reducer

Carlson exclusive...Carlson ENT reducers are designed to provide an easy transition from 1 in. Carlson ENT to ¾ in. ENT or from ¾ in. Carlson ENT to ½ in. ENT. They're concrete-tight and manufactured out of polycarbonate material to provide extra

strength and durability. Carlson ENT reducers provide flexibility while on the jobsite by minimizing the need to carry size-specific boxes and fittings. Carlson ENT reducers provide the versatility to convert Carlson fittings and boxes to many different sizes and configurations.



Cat. no.	Size (in.)	Std. ctn. qty.	Std. ctn. wt. (lb)
A273DE	¾ to ½	100	3.2
A273EF	1 to ¾	100	2.4

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Quick connect adapters and couplings

- Carlon one-piece ENT quick connect couplings, threaded adapters and snap-in terminator adapters are suitable for damp locations. Quick connect couplings and threaded adapters are concrete-tight when used with Carlon ENT.
- All sizes of rigid nonmetallic conduit fittings are compatible with ENT when using ENT cement.
- Rigid nonmetallic conduit fittings are recommended for use with Carlon 1¼ in. – 2 in. Flex-Plus Blue ENT.
- Use of ENT Blue quick-set cement is required. See [page 79](#) for details.
- When one-piece quick connect snap-in terminator adapters are installed in a concrete application, Carlon’s flat sealing washers must be used on the box connection ends.

Couplings

	Cat. no.	Size (in.)	Std. ctn. qty.	Std. ctn. wt. (lb)
	A240D	½	150	2.90
	A240E	¾	100	3.00
	A240F	1	50	2.30

Threaded adapters

	Cat. no.	Size (in.)	Std. ctn. qty.	Std. ctn. wt. (lb)
	A243DC	½	150	2.55
	A243EC	¾	100	2.30
	A243FC	1	50	2.00

	Cat. no.	Size (in.)	Std. ctn. qty.	Std. ctn. wt. (lb)
	A253D	½	150	2.70
	A253E	¾	100	2.90
	A253F	1	50	2.30

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Rigid nonmetallic conduit adapters and couplings

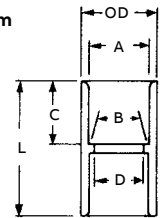
All socket fittings should be attached using Carlon solvent cement. Using Carlon fittings with Carlon nonmetallic conduit ensures system integrity. Socket type for joining nonmetallic conduit.

Standard couplings



Cat. no.	Size (in.)	Std. ctn. qty.	Typical (in.)		Min. D (in.)	Max. O.D. (in.)	Typical (in.)		Std. ctn. wt. (lb)
			A	B			C	L	
CE940DR-CTN	½	150	0.852	0.836	0.728	1 ⁷ / ₆₄	1 ¹¹ / ₁₆	1½	4.1
CE940ER-CTN	¾	100	1.064	1.046	0.840	1 ⁵ / ₁₆	¾	1 ⁵ / ₈	4.4
CE940F-UPC	1	50	1.330	1.310	1.210	1 ⁵ / ₈	1 ⁵ / ₁₆	2	3.5
E940G	1¼	30	1.677	1.655	1.535	1 ⁶³ / ₆₄	1	2 ⁵ / ₈	3.5
E940H	1½	25	1.918	1.894	1.755	2 ¹⁵ / ₆₄	1 ¹ / ₈	2 ³ / ₈	3.9
E940J	2	30	2.393	2.369	2.190	2 ⁴⁷ / ₆₄	1 ³ / ₁₆	2½	5.3

Diagram



For adapting nonmetallic conduits to boxes threaded fittings, metallic systems. Male threads on one end, socket end on other.

Male terminal adapter



Cat. no.	Size (in.)	Std. ctn. qty.	Typical (in.)		Min. D (in.)	Max. O.D. (in.)	Typical (in.)			Std. ctn. wt. (lb)
			A	B			C	S	L	
E943D	½	150	0.852	0.836	0.597	1 ¹ / ₈	5/8	9/16	1 ⁵ / ₁₆	2.8
E943E	¾	100	1.064	1.046	0.800	1 ¹¹ / ₃₂	¾	9/16	1 ³ / ₈	3.5
E943F	1	50	1.330	1.310	1.018	1 ⁵ / ₈	1	1 ¹ / ₁₆	1 ²⁵ / ₃₂	3
E943G	1¼	30	1.677	1.655	1.332	2 ¹ / ₃₂	1	¾	1 ¹⁵ / ₁₆	4
E943H	1½	25	1.918	1.894	1.566	2 ⁵ / ₃₂	1 ³ / ₁₆	¾	2 ¹ / ₁₆	2.5
E943J	2	30	2.393	2.369	2.000	2 ²¹ / ₃₂	1 ³ / ₁₆	¾	2½	7

Diagram

