



## P&C Duct and Telephone Duct – Frequently Asked Questions

[PVC conduit, Carlon # 48816-020: Is this a Schedule 40 or Schedule 80 PVC?](#)

Neither. This part number is a 5" DB-60 duct. It has the same OD as Schedule 40 and Schedule 80, but differs in wall thickness. It is not a UL listed product either. Utility companies for direct burial applications typically use it.

[Is DB 120 still approved for direct burial without concrete? I can't find it referenced in NEC 1997 article 347 \(rigid nonmetallic conduit\).](#)

DB stands for Direct Burial, which means you can bury it without concrete. DB 120 is approved for direct burial, however it is not a UL Listed, nor is it ETL listed. Article 347 of the NEC applies to both Schedule 40 and Schedule 80 Conduit. Ours is UL and ETL listed for direct burial, concrete encasement, and/or aboveground applications.

[Are any of the type EB or DB ducts UL listed / labeled? Are any of them tested to UL standards, with documented test information?](#)

We have several cities in the Phoenix Metro area that require us to use UL listed conduit for everything except utility company work. We would rather use a concrete encased EB duct than schedule 40 PVC, but we keep running into the UL issue.

EB-20 is ETL listed to UL standard 651A. The other EB and DB ducts are not listed to any UL standards.

<http://etlwhidirectory.etlsemko.com/>

If you go to the above website and do a search by "Lamson" for Lamson & Sessions (Carlton's parent company), you will find the ETL directory listing of our EB duct.



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How would the EB-20 and EB-35 (Heavy Wall) and DB-60 and DB 120 (Heavy Wall) compare against the schedule 40 PVC conduits? Are the number following the EB and DB, PVC schedule?

EB and DB ducts do not compare to schedule 40. EB ducts are use for underground concrete encased burial; DB duct is use for direct burial and concrete encasement. Schedule 40 conduit is listed per the National Electrical Code (Article 347) and can be used underground in both concrete encasement and direct burial and exposed both within buildings and outdoors.

The biggest difference between the raceways is the wall thickness. EB being the thinnest, Schedule 40 being the thicker. The number after the EB and DB indicates Pipe Stiffness where the term Schedule 40 indicates an IPS dimensional requirement. There is also a schedule 80 PVC conduit for electrical application and is used where exposed to physical damage.

I have a customer who has the PH7FN in stock and has a request for the PF7FN.

PF7FN - 4" DB-60 45 deg 36" radius sweep

PH7FN - 4" DB-120 45 deg 36" radius sweep

One's a DB-60, while the other is a DB-120, which means they have different wall thickness... Same OD but different ID.

I have been searching for a 4" x 5" PVC bell reducer for conduit. I have seen them before but I do not know the manufacturer. It is a male-to-male fitting that glues into the bell coupling of a 4" and 5" conduit. I am located near Birmingham ala. Can you help me?

25701 Science Park Drive  
Cleveland, Ohio 44122  
216-464-3400  
1-800-3CARLON (322-7566)  
www.carlon.com



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It is Carlon part number E252PN. Contact our sales rep, I. Arnold Hoge Associates at (770) 923-5960 for additional information on whom maybe stocking it in your area.

I notice in your telephone duct fittings section, you have a fitting to adapt to MCD. What is MCD an acronym for?

MCD stands for Multiple Concrete Duct.

I couldn't find any information on 8" P&C Duct Type EB or DB in your on-line information. The Carlon catalog we have on the shelf does show Type EB. Do you still make 8"?

The only 8" duct that we offer is the 8" Schedule 40 non-UL listed conduit in 10 or 20 ft lengths. Part numbers are 59618 followed by -010 for a 10 ft length or -020 for a 20 ft length. Furthermore, this can be concrete encased.