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## Moulded/Fabricated Fittings

### Specifications – References – Black PE3608/4710/PE100/Yellow PE2708/PE80

#### Butt Fusion Fittings Specifications

ASTM D3261 - Butt Heat Fusion for Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing  
 CSA B137.4 - Polyethylene Pipe Systems for Natural Gas Distribution Systems  
 ASTM D3350 - Standard Specification for Polyethylene Plastics Pipe and Fittings Materials (PPI Listed)

#### Socket Fusion Fittings Specifications

ASTM D2683 - Standard Specification for Socket-Type PE Fittings for Outside Diameter- Controlled Polyethylene Pipe and Tubing  
 CSA B137.4 - Polyethylene Pipe Systems for Gas Services  
 ASTM D3350 - Standard Specification for Polyethylene Plastics Pipe and Fittings Materials (PPI Listed)

#### Fabricated Fittings Specifications

ASTM D3350 - Standard Specification for Polyethylene Plastics Pipe and Fittings Materials (PPI Listed)  
 ASTM F714 - Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter  
 ASTM D3035 - Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter  
 ASTM F2206 - Standard Specification for Fabricated Fittings of Butt Fused Polyethylene (PE)\*

#### Designation/Colour/Cell Classification of Rahn Resins (as per ASTM D3350)

Resin Designation	Colour	Cell Classification	Butt Fusion	Socket Fusion
PE3608 (formerly PE3408)	(HDB) Black	PE345464C	✓	✓
PE4710	(HDB) Black	PE445574C	✓	✓
PE100	(MRS) Black	PE445576C	✓	✓
PE2708 (formerly PE2406)	Yellow	PE234373E	✓	✓

CSA certified to NSF/ANSI 61 materials for use in contact with drinking water

Rahn 1 ¼ -12" Butt Fusion – Black  
 Rahn 14" x 12" Reducer DIPS-Black  
 Rahn 1 ¼"-4" Socket Fusion-Black

Rahn Socket Fusion Fittings\*\* have a working pressure of 160 psi (PE3608) and 200 psi (PE4710) @ 23°C  
 Resin Pressure Ratings – as per Rahn Resin Pressure Chart (available upon request)  
 Customer applied further design factors may apply to Natural Gas Distribution Systems

### Traceability

Rahn's Quality Management System is ISO 9001:2015 registered.  
 Each fitting bears a pressure sensitive label (as applicable by standards) that contains the following information:

- Manufacturers Name - Rahn
- Description of Product
- Material Identification - i.e. PE4710, PE100, PE2708
- ASTM Designation and/or CSA
- Product Tracing Information – P/O #, Year, Day of Manufacture, Operator, Shift and Machine #

\* Pressure Testing available upon request

\*\* Socket Fusion Fitting Exceptions: 1) S/F Female Adapters  
 2) Drainage Fittings – Non Pressure Application (Wyes, Clean Out Adapters)