

Reducers, Couplings and Plugs

Cl. I, Div. 1 & 2, Groups A†,B†,C,D
Cl. II, Div. 1, Groups E,F,G
Cl. II, Div. 2, Groups F,G
Cl. III

Explosionproof
Dust-Ignitionproof

7F

07F
Fittings, Couplings,
and Devices,
Plugs, Etc.

Application:

RE and REC reducers are used in threaded heavy wall conduit systems.

RE reduces conduit hubs to a smaller size.

REA adapters enlarge drilled and tapped openings by 1 NPT size.

REC connects two different sizes of conduit together or is used to replace a coupling and reducer in an installation.

PLG plugs are used for closing threaded conduit hubs.

Features:

RE reducers have:

- integral bushing which prevents damage to wires
- full, clean cut tapered threads

REC reducers have:

- integral bushings in both ends which prevents damage to wires
- funnel shaped interior to guide the wires from large to small conduit, making it easy to pull wires

REA adapters have:

- Smooth integral bushing to protect wire insulation
- Knurled body for easy wrenching

PLG plugs:

- have clean tapered threads
- are available in two styles, flush (recessed), or square head type

Standard Materials:

- RE reducers – RE1108 through RE54 in steel; all others in *Feraloy*® iron alloy
- REA adapters – steel
- REC reducers – REC21 and REC32 in steel; all others in *Feraloy* iron alloy
- PLG plugs – *Feraloy* iron alloy and/or steel

Standard Finishes:

- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint
- Steel – electrogalvanized with chromate treatment

Certifications and Compliances:

- NEC/CEC:
Class I, Division 1 & 2, Groups A,B,C,D
Class II, Division 1, Groups E,F,G
Class II, Division 2, Groups F,G
Class III

(see listings for specific Cat. Nos. suitable for Groups A or B)

- UL Standard: 886
- CSA Standard: C22.2 No. 20

Options:

- Copper-free aluminum – add suffix SA to Cat. No.



RE

Size

1/2-1/8
1/2-1/4
1/2-3/8
3/4-1/2
1-1/2
1-3/4
1 1/4-1/2
1 1/4-3/4
1 1/4-1
1 1/2-1/2
1 1/2-3/4
1 1/2-1
1 1/2-1 1/4
2-1/2
2-3/4
2-1
2-1-1/4
2-1-1/2
2 1/2-1
2 1/2-1 1/4
2 1/2-1 1/2
2 1/2-2
3-1
3-1-1/4
3-1-1/2
3-2
3-2-1/2
3 1/2-2
3 1/2-2 1/2
3 1/2-3
4-2
4-2-1/2
4-3
4-3-1/2
5-4
6-5

Cat.

RE1108*
RE1208*
RE1308
RE21†
RE31†
RE32†
RE41†
RE42†
RE43†
RE51†
RE52†
RE53†
RE54†
RE61†
RE62†
RE63†
RE64†
RE65†
RE73†
RE74†
RE75†
RE76†
RE83†
RE84†
RE85†
RE86†
RE87†
RE96†
RE97†
RE98†
RE106†
RE107†
RE108†
RE109†
RE01210
RE01412



REC

Large Hub Size

3/4
1
1
1 1/4
1 1/4
1 1/2
1 1/2
1 1/2
2
2
2
2 1/2
3
3 1/2
4
5

Small Hub Size

1/2
1/2
3/4
3/4
1
3/4
1
1 1/4
3/4
1
1 1/2
1 1/2
2
2
2 1/2
2 1/2
3
3
4

Cat.

REC21†
REC31†
REC32
REC42
REC43
REC52
REC53
REC54
REC602
REC603
REC604
REC605
REC75
REC86
REC97*
REC108*
REC01210*



REA

Male Hub Size

1/2
3/4
1

Female Hub Size

3/4
1
1 1/4

Cat.

REA12†
REA23†
REA34†



Recessed



Square Head

PLG

Recessed

Size

1/4
1/2
3/4
1
1 1/4
1 1/2
2
2 1/2
3
3 1/2
4

Cat.

PLG28†
PLG1†
PLG2†
PLG3†
PLG4†
PLG5†
PLG6†
PLG7†
PLG8†
PLG9†
PLG10†

Square Head

Size

1/2
3/4
1
1 1/4
1 1/2
2
2 1/2
3
3 1/2
4

Cat.

PLG15†
PLG25†
PLG35†
PLG45†
PLG55†
PLG65†
PLG75
PLG85
PLG95
PLG105

† Suitable for use in Class I, Groups A and B areas.

‡ Suitable for use in Class I, Group B areas.
* Not available in aluminum.