

(iii) Individual or bundles of a max of 7 (seven) CAROL C1160 RG 11/U coaxial cables; max 10.3 mm OD. A 13 mm space between cables,

bundles, or other penetrating items.

(iv) Max of one 55 mm OD (or smaller), 1.75 mm min wall thickness steel conduit.

(b) Max of one nom 105 mm OD (or smaller) copper or steel pipe with min 2.39 mm wall thickness spaced 25 mm min from edge of opening and 50 mm min from other penetrating items.

(c) Nom 80 mm OD (or smaller) copper or steel pipe, or steel conduit, with min 1.38 mm wall thickness insulated with Pipe Insulation (Item 3) and spaced 50 mm from edge of opening and other penetrating items.

Type of Penetrating Item	FH	Ratings h FT and FTH
Cables (Item 2a(i))	1-1/2	0
(Item 2a(ii))	1-1/2	0
Item 2a(iii))	1-1/2	1
Pipe Item 2a(iv))	1-1/2	0
(Item 2b)	0	0
(Item 2c)	1-1/2	0

3. **Pipe Insulation** — Copper or steel pipe (Item 2c) to be wrapped with min 25 mm thick ULC labelled pipe insulation; min density 56 kg/m³. No pipe insulation joints to be closer than 300 mm to floor or wall surface.

■ 4. **Firestop System Components** — (XHJZC).

(a) Type "A/D FIREBARRIER Mineral Wool" insulation to be compressed 33% (min) between pipes and edge of opening. Min depth of 100 mm. Min 6.4 mm deep space to be left above mineral wool for sealant (Item 4b).

(b) Type "A/D FIREBARRIER Silicone Sealant" applied over mineral wool (Item 4a) to a min depth of 6.4 mm on both sides of the assembly.

A/D FIRE PROTECTION SYSTEMS INC

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