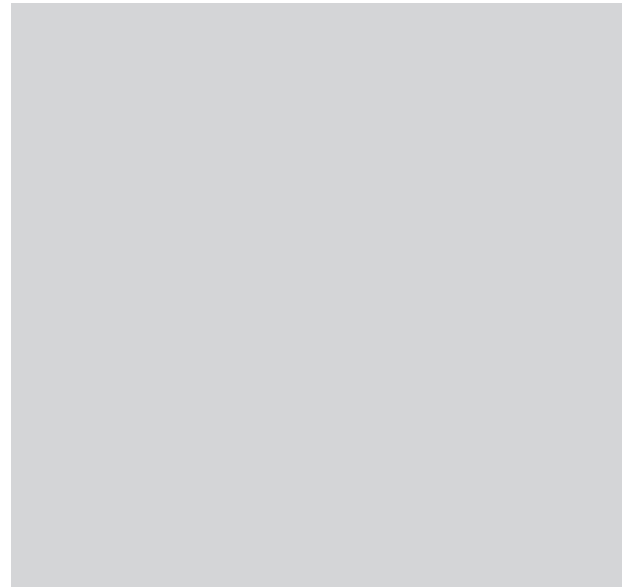


## 35RC

*Facing for fiber glass duct wrap*

### General Description

35RC is a flame retardant vapor barrier facing consisting of .00035" (9 micron) aluminum foil, fiberglass reinforcing yarn and natural kraft paper laminated together with a flame retardant adhesive. This product is typically used as a facing for fiberglass duct wrap.



### Properties

| Properties               | Test Method                     | Value   |
|--------------------------|---------------------------------|---|
| Basis Weight             | Scale                           | 20 lb/MSF<br>(98 g/m <sup>2</sup> )                                 |
| Permeance (MVTR)         | ASTM E-96, Procedure A          | .02 max (.013 max)  |
| Puncture Resistance      | ASTM D-781                      | 25 scale units<br>(29 scale units)                                  |
| Tensile Strength         | ASTM D-828                      | MD: 30 lb/in. avg<br>(5.3 kn/m);<br>XD: 20 lb/in. avg<br>(3.5 kn/m) |
| Mullen Burst             | ASTM D-774                      | 35 PSI<br>(2.5 kg/cm <sup>2</sup> )                                 |
| Mold & Mildew Resistance | ASTM D2020                      | None  |
| Corrosion                | 120°F (49°C) @ 95% RH (30 days) | None  |
| Delamination             | 120°F (49°C) @ 95% RH (30 days) | None  |
| High Temp. Resistance    | 24 hours @ 150°F (66°C)         | Pass  |
| Adhesion                 | 1 hour water @ 70°F (21°C)      | Pass  |
| Flammability*            | ASTM E-84                       | Flame Spread <25<br>Smoke <50                                       |

### Construction

| Properties                  | Value  |
|-----------------------------|--|
| Aluminum Foil               | 0.00035 inches ± 10%<br>(9 microns)                    |
| Fiberglass Reinforcing Yarn | MD: 2/in. (8/100 mm)<br>XD: 3/in. (12/100 mm)          |
| Adhesive                    | Flame Retardant  |
| Natural Kraft Paper         | 30 lb/3000 ft <sup>2</sup> ±10% (49 g/m <sup>2</sup> ) |

This product meets ASTM C 1136-90 requirements for insulation facings.

# 35RC

*Facing for fiber glass duct wrap*



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35RC 4-08 (New)

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### **Technical Information**

(800) 458-7198

The physical and chemical properties of 35RC Facing for fiber glass duct wrap listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you to assure current information. **All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions including Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions, Limited Warranty and Limitation of Remedy, and information on other Johns Manville thermal insulations and systems, call (800) 654-3103.**

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