1

UL 181C

Outline of Investigation for Non-Metal Joining Accessories for Flexible Air

Ducts and Air Connectors

Issue Number 1

May 20, 2020

Summary of Topics

This is the first issue of the Outline of Investigation for Non-Metal Joining Accessories for Flexible Air Ducts and Air Connectors, UL 181C.

Non-metal joining accessories, such as collars and sleeves, covered by these requirements are intended to join and connect flexible air ducts and air connectors that comply with the requirements of UL 181, Factory-Made Air Ducts and Air Connectors.

These requirements cover characteristics of the non-metal joining accessories, including: material, installation, mold growth and humidity, temperature, heat release and smoke, impact, pressure, tension, torsion, and leakage.

UL's Outlines of Investigation are copyrighted by UL. Neither a printed nor electronic copy of an Outline of Investigation should be altered in any way. All of UL's Outlines of Investigation and all copyrights, ownerships, and rights regarding those Outlines of Investigation shall remain the sole and exclusive property of UL.

COPYRIGHT © 2020 UL LLC

No Text on This Page

CONTENTS

18

INTRODUCTION	
1 2 3 4	Scope5Glossary5Units of Measurement5Undated References5
CONST	RUCTION
5	General 6 5.1 Dimensions 6 5.2 Polymeric Materials 6
PERFO	RMANCE
6 7 8 9 10 11 12 13 14 15 16	Flame Resistance Test 6 Installation Test 7 Mold Growth and Humidity Test 7 Temperature Test 7 9.1 General 7 9.2 Low temperature 7 9.3 High temperature 8 Smoke and Heat Release Tests 8 Impact Test 8 Pressure Test 9 Tension Test 9 Torsion Test 10 Leakage Test 10 Gaskets and Seals 11
MARKII	NG
17	General11
INSTRUCTIONS	

No Text on This Page