ROGERS CORPORATION
Arlon Silicones Technology
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PRODUCT INFORMATION SHEET

Arlon Product Number 51073R031D

PRODUCT DESCRIPTION

UltraPad™ D65: Silicone-Based Press Pad

Design / Construction

Interleave	0.075 mm PE
Side 1:	Cured silicone rubber
Substrate:	Style 7628 fiberglass
Side 2:	Cured silicone rubber

Rubber Add-On Thickness	**Value**	**Method**
Side 1:	0.29 mm	Arlon SQA-TMS-003
Side 2:	0.29 mm	Arlon SQA-TMS-003
Overall Thickness:	0.79 mm	Arlon SQA-TMS-003

Product Color : Red

TYPICAL PROPERTIES

Silicone Compound Properties		**Value**	**Method**
Tensile Strength	**MPa**	7.8	ASTM D 412
Elongation	**%**	850	ASTM D 412
Durometer	**Shore A Points**	43	ASTM D 2240
Specific Gravity	**---**	1.09	Arlon SQA-TMS-024
Substrate Properties		**Value**	**Method**
Thickness		0.21 mm	Arlon SQA-TMS-003
Color		Red	N/A
Product Properties		**Value**	**Method**
Durometer		81	ASTM D 2240
Total Product Weight	**grams/m^2**	891	Arlon SQA-TMS-025

SHELF AND SERVICE LIFE

Product Shelf Life 5 years from date of manufacture @ 23°C

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.

Recommended application temperature range:	150°C to 300°C
Recommended application pressure range:	0 MPa to 5 MPa
Service Life:	114 hours (225°C and 2.07 MPa)

The data presented in this document represent typical values for the production material.
The data should not be used to write, or in place of, material specifications.
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Last Revised May 9, 2016.