

## The Continuum of Convex Barrier Options

Convex barrier products have been utilized to help provide a secure and predictable seal. Product selection is made by matching stomal protrusion and peristomal contours to the appropriate barriers. The outward curving of the convex skin barrier is designed to interface with the immediate peristomal skin.

This interface depends not only on the depth, rigidity and gradient of the convex skin barrier but also on the shape and rigidity of the abdominal wall. For example, a flexible convex barrier can bend and move with the body; a firm convex skin barrier does not bend, rather it remains rigid. Appropriate barrier choice is left to the clinician's assessment of the patient and knowledge of ostomy products.

BARRIER EXAMPLE	POSSIBLE CLINICAL CASE SCENARIOS
 <p data-bbox="435 806 667 837"><b>Flat Skin Barrier</b></p>	 <p data-bbox="1166 741 1398 772"><b>Flat Skin Barrier</b></p> <ul data-bbox="1166 789 1515 905" style="list-style-type: none"> <li>• Flat peristomal plane</li> <li>• Adequate stoma protrusion</li> <li>• Centered stoma opening</li> </ul>
 <p data-bbox="435 1035 760 1140"><b>Flat Skin Barrier with Round or Oval Convex Barrier Ring</b></p>	 <p data-bbox="1166 1010 1430 1041"><b>Flexible Convexity</b></p> <ul data-bbox="1166 1058 1523 1173" style="list-style-type: none"> <li>• Stoma flush with skin</li> <li>• Uneven peristomal plane</li> <li>• Off-centered stoma opening</li> </ul>
 <p data-bbox="435 1318 654 1381"><b>Integrated Soft Convex Barrier</b></p>	 <p data-bbox="1166 1262 1382 1293"><b>Soft Convexity</b></p> <ul data-bbox="1166 1310 1490 1446" style="list-style-type: none"> <li>• Gentle pressure required to peristomal plane</li> <li>• Flush stoma</li> <li>• Peristomal injury</li> </ul>
 <p data-bbox="435 1581 708 1644"><b>Integrated Convex Barrier</b></p>	 <p data-bbox="1166 1514 1382 1545"><b>Firm Convexity</b></p> <ul data-bbox="1166 1562 1523 1719" style="list-style-type: none"> <li>• Creases or folds in peristomal plane</li> <li>• Off-centered stoma opening</li> <li>• Stoma retracted below skin surface</li> </ul>
 <p data-bbox="435 1808 711 1955"><b>Integrated Convex Barrier with Round or Oval Convex Barrier Ring</b></p>	 <p data-bbox="1166 1776 1463 1839"><b>Firm Convexity with More Depth</b></p> <ul data-bbox="1166 1856 1523 1971" style="list-style-type: none"> <li>• Recessed or flush stoma</li> <li>• Uneven abdominal contours</li> <li>• Off-centered stoma opening</li> </ul>

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### References:

- 1 J.C. Colwell, M.T. Goldberg, & J.E. Carmel (Eds). (2015). WOCN Society Core Curriculum Ostomy Management. Chapter 10. Philadelphia, PA: Wolters Kluwer
- 2 JHoeflok, J et al. Use of convexity in ostomy care: Results of an International Consensus Meeting. JWOCN, January/February 2017

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For more product information please call our customer services team on **0800 521377**.

Routine follow-up with your healthcare professional is recommended.

Prior to using any ostomy products/accessories be sure to read all product inserts and labels.

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