

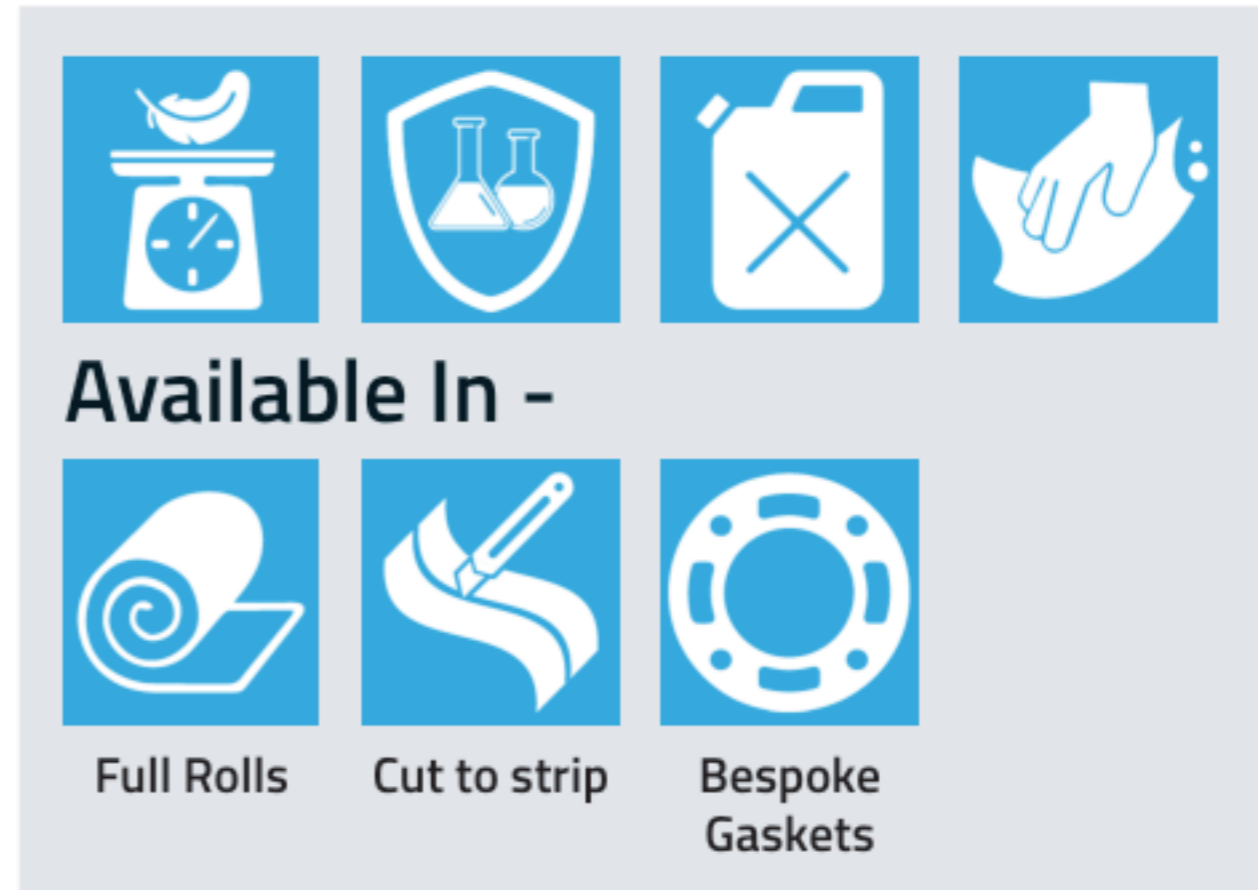
## Reticulated Polyether Foam Material Datasheet

Product Code: RC02123

### Product Description

Our reticulated polyether foams are high quality, open cell materials that are based on polyurethane. These materials provide excellent chemical and fuel resistance with high durability in a light weight and flexible package. A key feature of our polyether foams is the materials excellent resistance to water and humidity deterioration.

### Technical Specification - RC10H



Properties	Test Method	Values Min.	Values Max.
Density	ISO 845	21.0 kg/m <sup>3</sup>	25.0 kg/m <sup>3</sup>
Pore Density	-	10 ppi	20 ppi
Tensile Strength	ISO 1798	70 kPa	-
Elongation at Break	ISO 1798	80%	-
Compression Load Deflection	ISO 3386/1	5.0 kPa	7.0 kPa
Cell Count	-	2.0 1/cm	3.2 1/cm
Minimum Temperature	-	-40°C	
Maximum Temperature	-	+116°C	
Colour	-	Blue	



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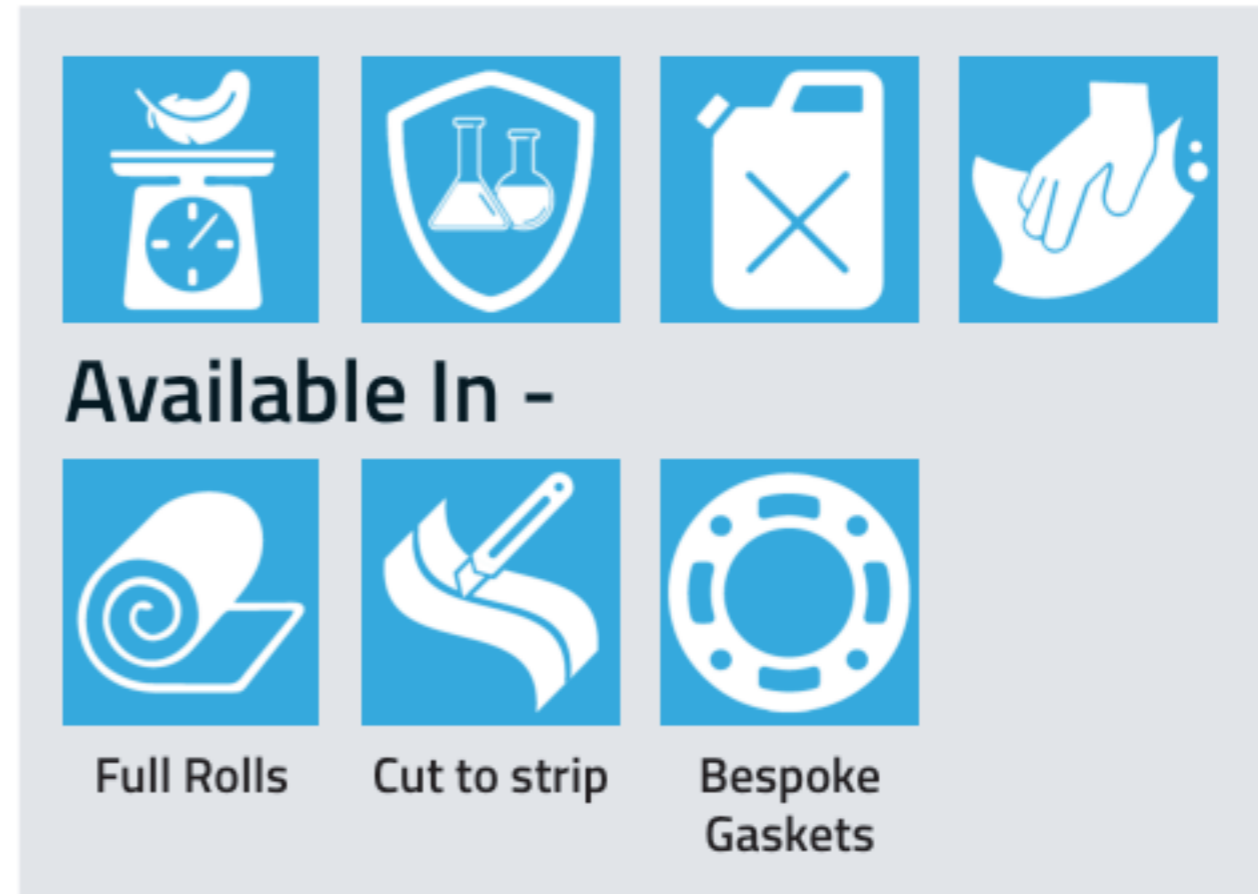
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### Technical Specification - RC15H



Properties	Test Method	Values Min.	Values Max.
Density	ISO 845	20.0 kg/m <sup>3</sup>	26.0 kg/m <sup>3</sup>
Pore Density	-	10 ppi	20 ppi
Tensile Strength	ISO 1798	50 kPa	-
Elongation at Break	ISO 1798	70%	-
Compression Load Deflection	ISO 3386/1	3.5 kPa	6.5 kPa
Cell Count	-	2.5 1/cm	4.5 1/cm
Minimum Temperature	-	-40°C	
Maximum Temperature	-	+116°C	
Colour	-	Blue	



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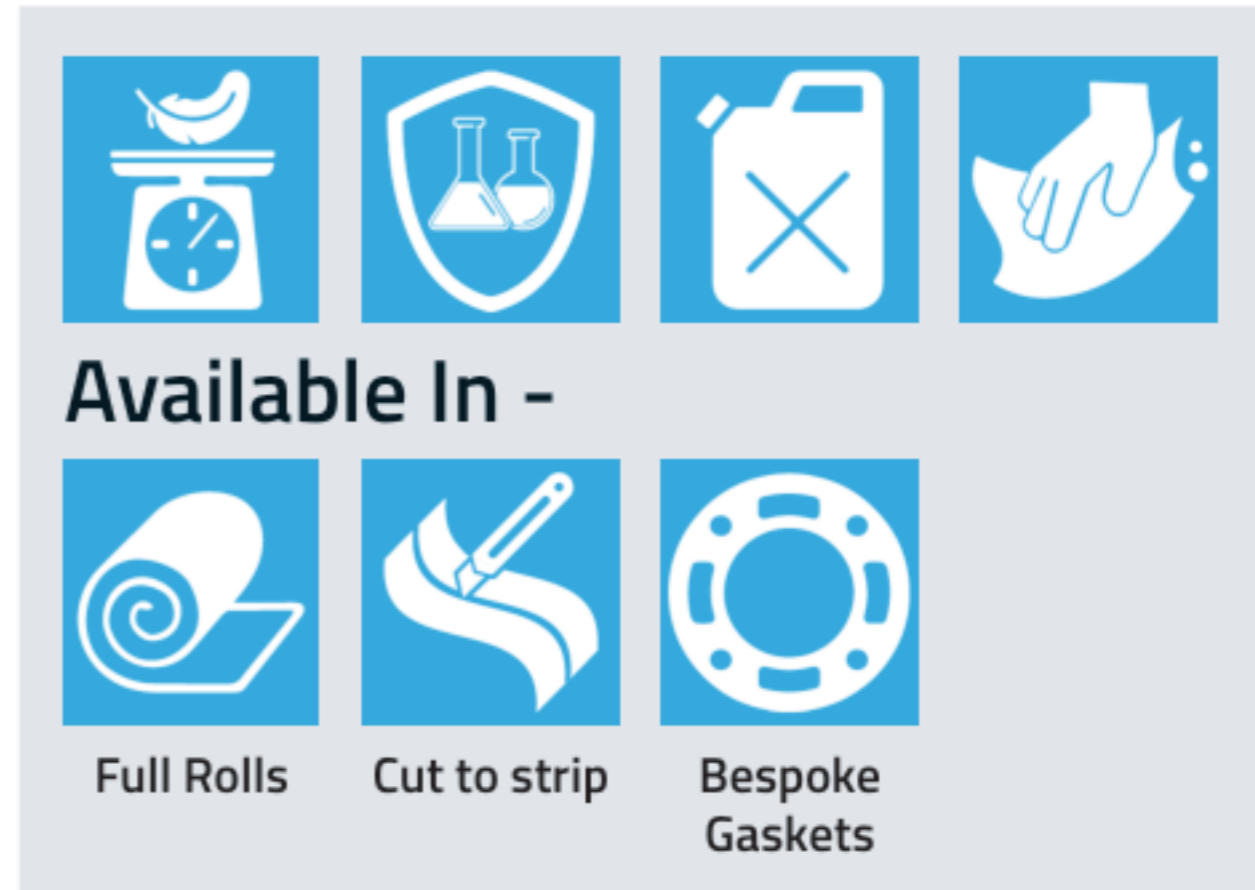
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### Technical Specification - RC20H



Properties	Test Method	Values Min.	Values Max.
Density	ISO 845	20.0 kg/m <sup>3</sup>	26.0 kg/m <sup>3</sup>
Pore Density	-	15 ppi	25 ppi
Tensile Strength	ISO 1798	50 kPa	-
Elongation at Break	ISO 1798	90%	-
Compression Load Deflection	ISO 3386/1	3.5 kPa	6.5 kPa
Cell Count	-	4.0 1/cm	5.5 1/cm
Minimum Temperature	-	-40°C	
Maximum Temperature	-	+116°C	
Colour	-	Black / Green	



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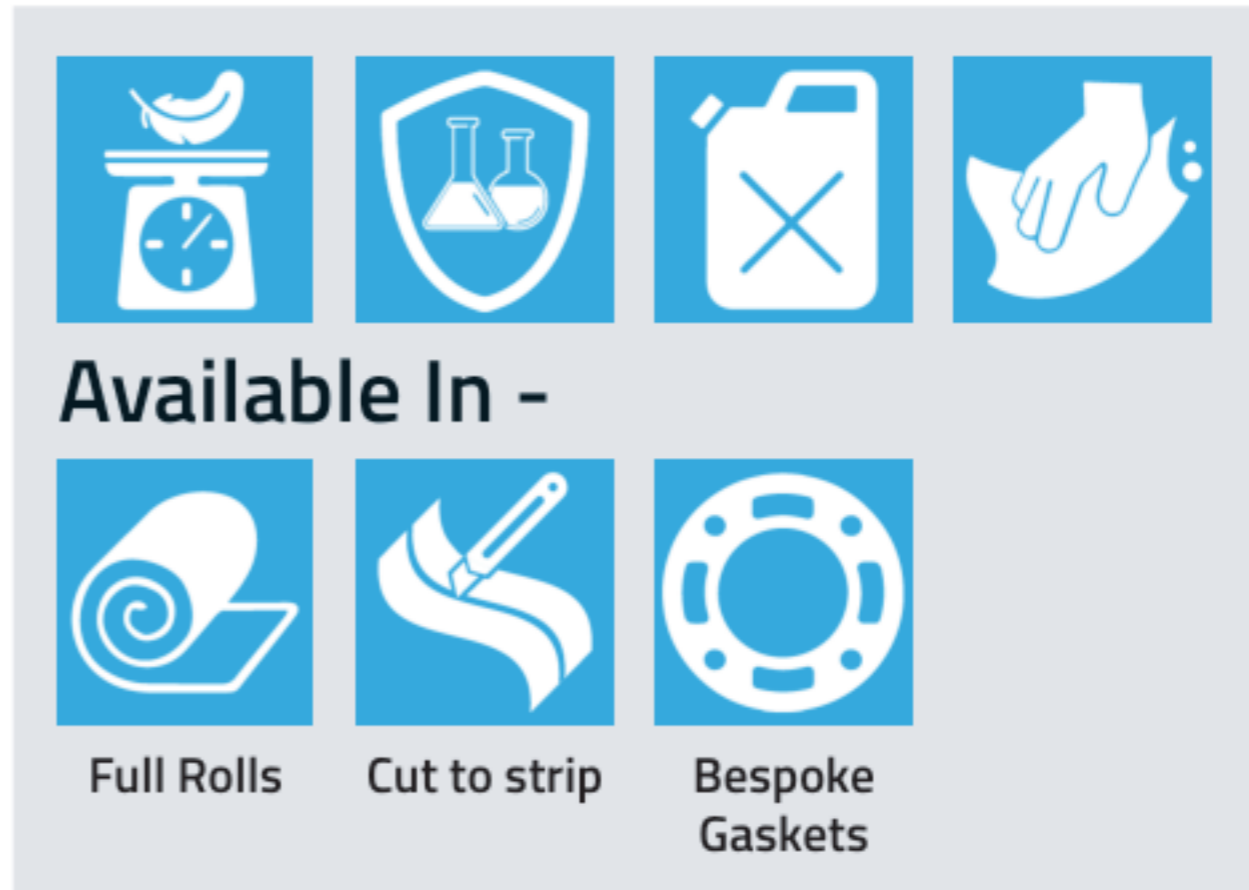
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### Technical Specification - RC30H



Properties	Test Method	Values Min.	Values Max.
Density	ISO 845	20.0 kg/m <sup>3</sup>	26.0 kg/m <sup>3</sup>
Pore Density	-	25 ppi	35 ppi
Tensile Strength	ISO 1798	75 kPa	-
Elongation at Break	ISO 1798	90%	-
Compression Load Deflection	ISO 3386/1	3.5 kPa	6.5 kPa
Cell Count	-	6.0 1/cm	9.0 1/cm
Minimum Temperature	-	-40°C	
Maximum Temperature	-	+116°C	
Colour	-	Beige	



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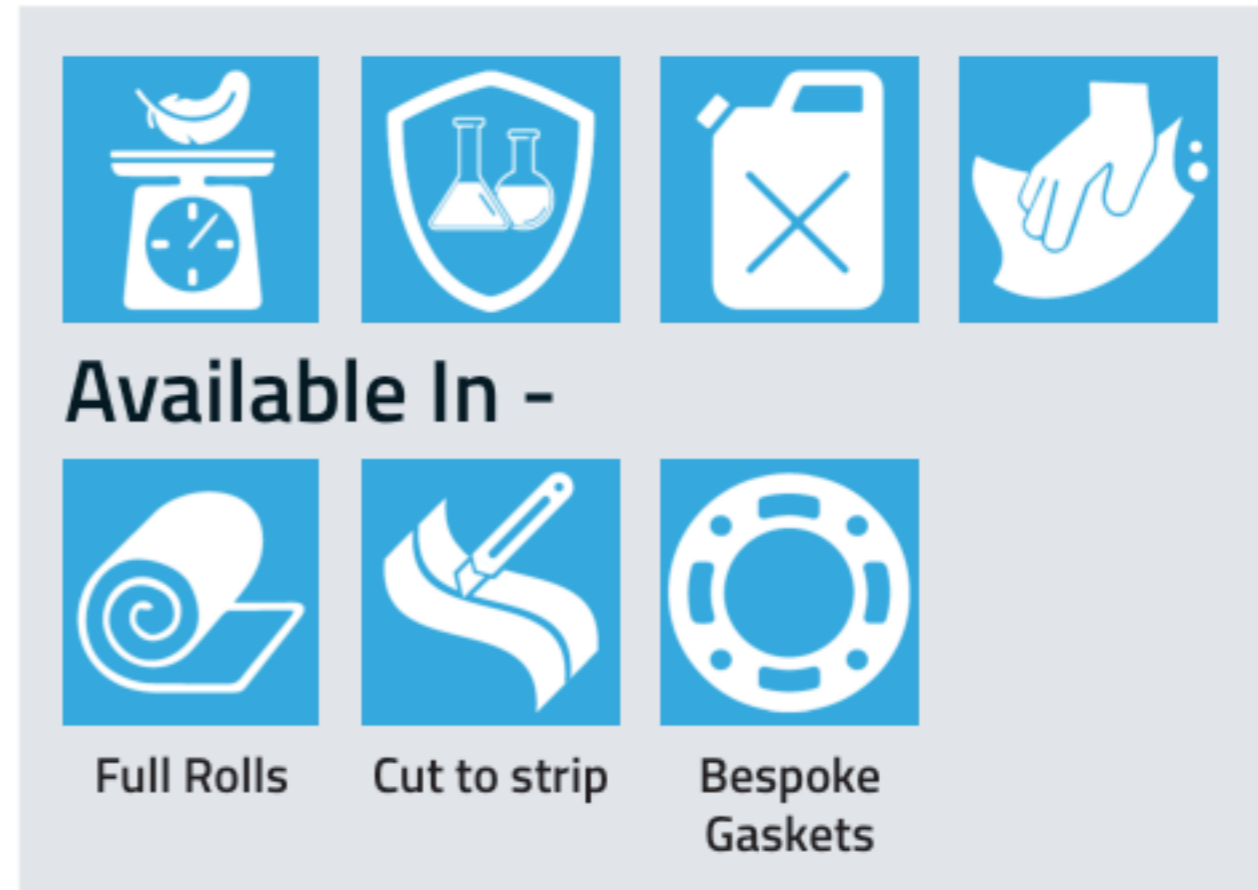
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### Technical Specification - RC45H



Properties	Test Method	Values Min.	Values Max.
Density	ISO 845	20.0 kg/m <sup>3</sup>	26.0 kg/m <sup>3</sup>
Pore Density	-	35 ppi	50 ppi
Tensile Strength	ISO 1798	90 kPa	-
Elongation at Break	ISO 1798	125%	-
Compression Load Deflection	ISO 3386/1	3.5 kPa	6.5 kPa
Cell Count	-	10.0 1/cm	13.0 1/cm
Minimum Temperature	-	-40°C	
Maximum Temperature	-	+116°C	
Colour	-	Blue	



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