



# DATA SHEET

HEAD OFFICE  
 TRADE HOUSE  
 7 CLAYMILL ROAD  
 THURMASTON  
 LEICESTER  
 LE4 9JJ  
 BRANCHES NATIONWIDE

TEL 0116 2740292      FAX 0116 2460294
E-MAIL mike@trade-supplies.net

*SUPPLIERS OF AIR CONDITIONING—PLUMBING & HEATING—MECHANICAL PRODUCTS—  
 VENTILATION EQUIPMENT*

SUBJECT.....TRADE SUPPLIES RA91 15MM X 6MM X 15MTS DUCT GASKET DATA
---

SPECIFICATION SHEET

ISSUE NO 4 APRIL 1995

RA91 EXPANDED POLYETHYLENE.

COLOUR - BLACK/WHITE

PROPERTIES

<u>PROPERTIES</u>	<u>ISO</u>	<u>UNIT</u>	<u>RA91</u>
DENSITY	845	KG/M3	33
TENSILE STRENGTH	1926		
LENGTHWISE		KPA	400
CROSSWISE		KPA	265
TENSILE ELONGATION	1926		
LENGTHWISE		%	130
CROSSWISE		%	125
COMPRESSIVE STENGTH	844		
DEFLECTION 10%		KPA	19
DEFLECTION 25%		KPA	40
DEFLECTION 50%		KPA	105
COMPRESSION SET	1856-C		
22H CHARGE, 23°C		%	20
DEFLECTION 25%		%	11
0.5 H AFTER DISCHARGE			
24 H AFTER DISCHARGE			
THERMAL CONDUCTIVITY	2581		
AT 10°C		W/MK	0.034
AT 40°C		W/MK	0.039
WORKING TEMPERATURE RANGE	INTERNAL	°C	-80/+100
WATER ABSORPTION (96 H)	INTERNAL	VOL. %	<1
WATER VAPOUR TRANSMISSION	1663	G/M2 X 24 H	-
U-VALUE (23°C, 0-85% R.H.)	1663	-	-
SHORE HARDNESS 0/00	INTERNAL	-	21/44

THIS INFORMATION ON RA91, PHYSICALLY CROSSLINKED POLYOLEFIN FOAM, IS PRESENTED TO OUR BEST KNOWLEDGE. ALL TEST DATA ARE AVERAGE VALUES (ALSO COVERING DIFFERENT PRODUCT THICKNESS AND SHOULD BE CONSIDERED AS GUIDELINES ONLY).