



TBP Converting, Inc.  
Saint Gobain Foam Extrusions PDS

# FOAM EXTRUSIONS

## Norseal® Foam Extrusions with or without pressure-sensitive adhesive

PVC foam extrusion & thermoplastic elastomers. Features a «skin» which substantially eliminates open surface cells.

### Designed for special applications

**Norseal** foam extrusions provide a faster and more economical solution to special sealing applications, including appliance seals, automotive seals, and sealants for metal building and prefabricated construction applications. Foam extrusions are available with or without adhesive and in a variety of densities to meet the needs of different applications.

### Norseal Foam extrusion characteristics

Foam extrusions have a number of features specifically designed to enhance user productivity. The extrusions feature a «skin» which substantially eliminates open surface cells. The cell structure also requires less material to achieve a positive seal. Foam extrusions are resistant to weather, oxidation and fungi and remain flexible at low temperatures.

### Features & Benefits

- Long spooled lengths are ideal for long production runs.
- Provide excellent seal against light, dust and moisture.
- Cell structure of foam requires less material to achieve a positive seal.
- Resistant to weather, oxidation and fungi.
- Pressure-sensitive adhesive available for increased versatility.



### APPLICATIONS

- Appliance seals
- Metal building and prefabricated constructions
- Transportation
- Commercial refrigeration
- Automotive sealants

**Norseal Foam Extrusions – Properties**

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

**P3150 (PVC, without adhesive)**

Profile	Size mm	Length m	Colour	Density kg/m <sup>3</sup>	Hardness Shore OO	Tensile Str. N/cm <sup>2</sup>	Elongation %	FTC N/100mm	CFD N/100mm	C Set %	Watertight U-Test (100mmH)
●	4.8	1230	Black	150	60-70	80-90	90-100	15	5	< 10	Pass
●	6.1	700	Black	150	60-70	90-110	120-150	15	5	< 10	Pass
●	7.6	500	Black	170	60-70	90-110	120-150	20	7	< 10	Pass
●	8.0	450	Black	170	60-70	90-110	120-150	20	7	< 10	Pass
●	9.0	320	Black	180	60-70	90-110	120-150	25	8	< 10	Pass
●	10.0	300	Black	200	60-70	90-110	120-150	30	10	< 10	Pass
●	12.4	190	Black	220	60-70	90-110	120-150	25	8	< 10	Pass

**P3132 (Thermoplastic Elastomer, with adhesive)**

Profile	Base mm	Height mm	Colour	Density kg/m <sup>3</sup>	180° Peel - Adhesive (N/cm)	Elongation %	Compression @ 30% N/cm	C Set %
▲	5.3	4.1	Black	265	68	78	0.12	< 5

**P4000 Series (Thermoplastic Elastomer, with or without adhesive)**

	Profile	Adhesive	Colour	Size mm	Density kg/m <sup>3</sup>	Compression set*	Force to compress**	Deflection***	Tensile strength N (kPa)	Elongation %	Water absorption % mass (%volume)	Water sealability****
P4002	●	No	Black	5	150	4 / 1	11 (12)	39 (39)	8 (438)	128	3 (1)	Over 24hrs
P4003	●	No	Black	5	120	4 / 2	5 (5)	15 (15)	6 (311)	89	7 (2)	Over 24hrs
P4021A	●	No	Black	6.5	120	4 / 2	5	14	11 (320)	70	6 (1)	Over 24hrs
P4021G	●	No	Grey	7	120	- / 2	5	14	14 (425)	123	9 (2)	Over 24hrs
P4022	●	No	Black	9	130	4 / 2	7 (8)	18 (18)	18 (322)	98	8 (1)	Over 24hrs
P4102	■	No	Black	3 x 8	150	6 / 3	10 (10)	44 (47)	9 (301)	109	4 (1)	Over 24hrs
P4103	■	5mm	Grey	3.5 x 8	120	3 / 1	9 (11)	47 (52)	9 (266)	27	4 (1)	Over 24hrs
P4163	■	8mm	Black	7 x 14	130	3 / 1	16 (19)	66 (67)	29 (325)	78	4 (1)	Over 24hrs
P4310	◐	8mm	Grey	6 x 10.5	160	3 / 2	12 (14)	60 (60)	23	68	3 (-)	Over 24hrs
P4312	◐	8mm	Black	6 x 10.5	160	4 / 1	13 (16)	78 (78)	23	56	3 (-)	Over 24hrs
P4315	■	8mm	Grey	12 x 14	130	3 / 2	21 (26)	110 (116)	68 (383)	140	2 (1)	Over 24hrs

\* 30min/24 hrs - 25% compression at RT  
 \*\* N/100mm (result at -10°C) - 30% compression  
 \*\*\* N/100mm (result at -10°C) - 70% compression  
 \*\*\*\* Water depth : 30mm - 30% compression

Items are subject to Minimum Order Quantities. Please contact our Sales Representative for details.

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