

VAC-SIL®

9-Point Quality Production Process

Task	Description	Frequency	Test
1 Goods Inward Inspection	Compounds	Every Order	<ul style="list-style-type: none">- Checked by Lab- Rheometer- State of Cure
2 Milling	Thorough cleandown prior to compound mix High Grade Silicone 9Mpa x 700%	Every Order	<ul style="list-style-type: none">- Cure Verification- Identify each mix with a unique mix number
3 Calendering	Thorough cleandown prior to production run Calender Uncured materials to specified thickness / width	Every Order	<ul style="list-style-type: none">- Thickness- Width- Length- No Creasing
4 Vulcanisation	Vulcanise Uncured Calendered Sheeting on Rotacure	Every Order	<ul style="list-style-type: none">- Check state of cure- Creasing
5 Secondary Rotacure with Talc	Vulcanised Cured Calendered Sheeting	Every Order	<ul style="list-style-type: none">- Checked surface for smooth/talced finish
6 Post Cure	Post Curing of Vulcanised Calendered Sheetings Duration 4 hours @ 175°C	Every Order	<ul style="list-style-type: none">- Minimal odour- No sticky surface- Improved physical properties
7 Inspection	Post Cured Calendered Sheetings	Every Order	<ul style="list-style-type: none">- Hardness- Dimensional- Compression Set- Visual inspection to confirm surface is clean and free from creasing or surface marks
8 Packaging	Finished Calendered Sheeting as full rolls or cut sheets	Every Order	<ul style="list-style-type: none">- Trim to finished requirements- Pack with polythene liner- Pack each roll in individual tubes- Seal tubes- Labelling
9 Despatch	Packaged Goods	Every Box	<ul style="list-style-type: none">- Certificate of Conformity Supplied- Despatch

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