

# CHR® Pressure Sensitive Adhesive Tapes



## CHEMLAM® 6-GXS Tape and GX Fabric — Simply the Best

Developed in Europe, these exclusive, patented products are now offered by Saint-Gobain Performance Plastics here in North America. With practical experience gained from doing hundreds of thousands of window and door extrusion welds over the past three years—plus 30 years of experience with heat sealing plastic film in the packaging industry—the Composites Division brings high reliability to the fenestration industry. Durability is the property that makes this combination of tape and fabric ideal for the most extreme high temperature and high volume window and door manufacturers.

Part Numbers—Tape: CHR® SGG5-06R; Fabric: CHEMLAM® CL6-GX

## Premium Grade Tape and Premium Fabric — A Better Alternative

Before there was CHEMLAM, the standard for the plastics processing industry was CHEMSTIK® Premium Grade tapes and CHEMGLAS® fabrics from CHEMFAB Corporation (now Saint-Gobain). Made from brown-pigmented, coated cloth with high PTFE resin content and woven with ultra-strong twisted and plied fiberglass yarns, Premium Grade was, and still is today, the best line of “TEFLON® Paper” products available for window welding.

Part Numbers—Tape: CHR® SG05-05R; Fabric: CHEMFAB® CF105-2BC

## Primary Grade Tape and Standard Fabric — Performance and Value

Cost-conscious buyers for plants with lower production volumes may look to save money by purchasing less expensive disposable release materials. Primary Grade tapes and fabrics from Saint-Gobain deliver the same excellent performance as competing products, but at lower cost. And don't be fooled by even less expensive look-a-likes, which cannot compare with Primary Grade products.

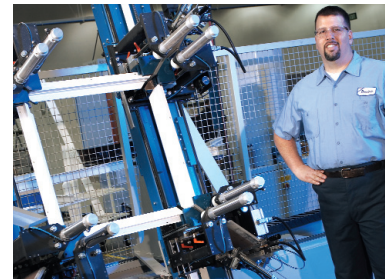
Part Numbers—Tape: CHR® SG25-05R; Fabric: CHEMFAB® CF205

## PVC Windows and Doors

### Frame and Sash Welding

#### Features/Benefits: CHEMLAM 6-GXS

- Hardened surface—extended wear and long life
- Film technology—pinhole-free surface to prevent molten PVC from sticking
- Thickened core—puncture resistant
- Special silicone adhesive—high temperature resistant



CertainTeed Window Group maintenance and engineering personnel are pleased with the increased throughput and lower costs per extrusion sealing cycle resulting from the use of CHEMLAM 6-GXS on their four-point framer and sash machines.



CHEMLAM 6-GXS tape on Wegoma head.

## CHR® Welding Tapes and Fabrics — Test Results

Product	CHEMLAM 6-GXS	Premium 5	Others*
TEST 1	Average Number Weld Cycles	9000	3400
	Maximum Number Weld Cycles	9500	—
TEST 2	Average Number Weld Cycles	7620	2962
	Maximum Number Weld Cycles	10952	—
TEST 3	Average Number Weld Cycles	5843	1770
	Maximum Number Weld Cycles	9480	—

**Important note to purchaser:** Values shown are typical and are not to be used for specifications. All data is subject to change without notice. Before using, the user should determine the suitability of the product for its intended use, and the user assumes all risk and liability in connection therewith. Specifications are also subject to change without notice.

\*“Others” include CHR® SG25-10R (Primary Grade), as well as competitive materials.

Tests were performed on 4-point vertical welders while fabricating double-hung standard quality frame extrusions in four separate production facilities.

## CHR® Welding Tapes and Fabrics — Properties

Property	CHEMLAM 6-GX	Premium 5	Primary 5
Thickness (mils)	6.3	5.0	4.7
Tensile (psi)	175	120	120
Weight (oz./sq. yd.)	9.6	7.6	7.4



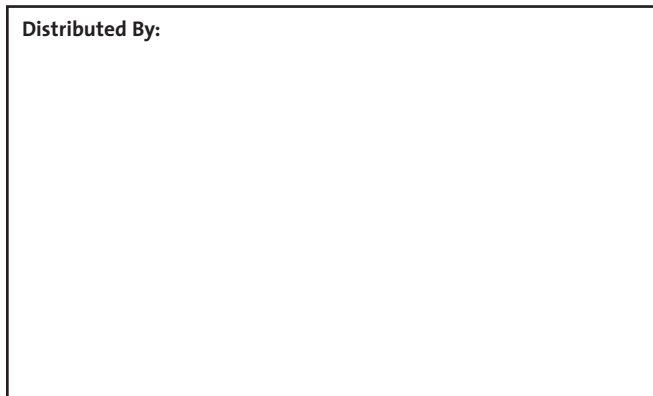
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