



Chemitex

A corrosion resistant layer is an essential component of fibre reinforced plastic pipes and tanks used in the water transportation and sewage treatment industries, the chemical and petrochemical industries, for flue gas desulphurisation and for scrubbing systems for incinerator plants.

The corrosion layer generally comprises of an inner liner of corrosion resistant resin backed up by a corrosion barrier of resin reinforced with chopped strand mat. The thickness of the inner liner is closely controlled to between 0.3 and 0.5mm by incorporating a low fibre volume fraction surfacing veil, usually of C glass.

For some specialised applications the C glass veil should be replaced by carbon veil. Carbon fibre veils are used to give:-

- ultimate corrosion resistance in the most aggressively corrosive environments, such as hot acidic conditions
- surface conductivity for dissipation of static charges and reduced risk of explosion

Chemitex is a series of PAN based carbon fibre veils designed specifically for the chemical and petrochemical industries. Available in base weights of 17 and 34g/m² and with either styrene soluble or styrene insoluble binders, **Chemitex** is supplied in either full width (900mm) for hand lay up or in coils pre slit to 100mm for winding applications.

The **Chemitex** product range includes the following:-

Chemitex 20	17g/m ² , soluble binder
Chemitex 30	34g/m ² , soluble binder
Chemitex 35	17g/m ² , insoluble binder
Chemitex 42	34g/m ² , insoluble binder

	Chemitex 20	Chemitex 30	Chemitex 35	Chemitex 42
Areal Weight	17g/m ²	34g/m ²	17g/m ²	34g/m ²
Thickness	0.15mm	0.30mm	0.16mm	0.32mm
Tensile strength MD	60N/15mm	85N/50mm	105N/50mm	130N/50mm
Tensile Strength CD	60N/15mm	85N/50mm	105N/50mm	130N/50mm
Resistivity	5Ω/□	2.5Ω/□	7Ω/□	9Ω/□
Styrene solubility	Soluble	Soluble	Insoluble	Insoluble
Packing Details				
Roll width	900mm	900mm	100mm	100mm
Roll length	250m	125m	250m	125m
Centre size	76.2mm	76.2mm	76.2mm	76.2mm
Rolls/box	1	1	8	8

The data contained herein are nominal and are not intended to be a guaranteed specification
The user must be satisfied that the product is entirely suitable for the purpose



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