

# Cem-FIL<sup>\*</sup> Spray Roving

# 53/76

\*Registered trademark

## Technical data sheet

**Cem-FIL 53/76** is an AR glass chopping roving mainly designed for use in the manufacture of GRC composites by the manual spray method.

Cem-FIL 53/76 roving is designed for optimum processability. It is used in the manufacture of GRC architectural panels and other building elements, civil engineering and infrastructure components.

### Identification (ISO)

Example : ARC 2450 53/76

AR : Alkali Resistant

C : Continuous filament

2450 : Nominal linear weight of roving (tex)

53/76 : Vetrotex code for sizing system

### Technical characteristics (nominal values)

Linear weight of roving (tex)	Linear weight of strand (tex)	Loss on ignition (%)	Moisture (%)
ISO 1889 : 1987	ISO 1889 : 1987	ISO 1887 : 1980	ISO 3344 : 1977
2450	76	2.0	< 0.3

### Products available

Cem-FIL 53/76 rovings are designed to be unwound internally. They are protected by a shrink-wrap polythene film which should not be removed when used. Each roving is identified by an individual label and packed in a carton. Cem-FIL 53/76 rovings are white coloured but an orange colour is used on labels and shrink-wrap to aid identification.

Product	Individual packaging		Characteristics of cheeses		
			Height (mm)	External diameter (mm)	Net weight (kg)
53/76	orange	carton	260	280	19

### Properties

- No fuzz
- Easy chopping
- Easy compaction
- Excellent split efficiency



## Bulk packaging

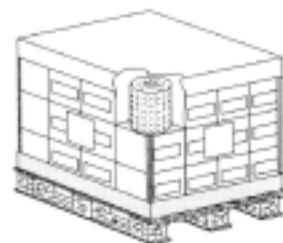
- The complete pallet is enclosed in polythene and identified with two labels.

Product	Cheese diameter (mm)	Levels per pallet	Cheeses per level	Total number of cheeses	Pallets			
					Length (mm)	Width (mm)	Height (mm)	Approx. Net weight (kg)
53/76	280	3	16	48	1140	1140	930	912

## Shipment

For sea transport, a maximum of 20 pallets (on two levels) may be loaded in a 20 foot container, giving a total net weight of approximately 18.5 tonnes.

## Pallet configuration



## Storage

Cem-FIL rovings should be stored dry in their original packaging, the best conditions being at a temperature of between 15 and 35° C and at a relative humidity of between 35 and 65%. If the product is stored at low temperature (below 15°C) it is advisable to condition in the workshop for 24 hours before use to prevent condensation.

## Quality

Cem-FIL rovings are manufactured under a Quality Management System approved to ISO 9001. Additionally the actual performance of Cem-FIL 53/76 rovings is subject to independent assessment and approval in Germany (Zulassung n° Z-31.2-127).

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