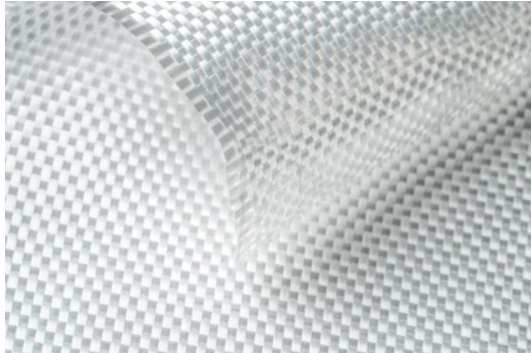


## Technical Data Sheet

### COMPOTEX WOVEN ROVING FABRICS AND TAPES

Reinforcing composites and fiber-glass plastics



**COMPOTEX woven roving fabrics and tapes** are plain woven of rovings consisting of non-intertwisted glass fibers. Uniformity in distribution of physical tensions and high physical-chemical performance are achieved owing to positioning of rovings at 90°-angle during weaving process.

**Typical application:** the fabrics are used as reinforcing elements in manufacture of composite materials and fiber-glass plastics to ensure strength and durability of various structures. Composite fiberglass articles made with the use of woven roving fabrics are widely used manufacture of large-sized parts for cars, yachts, powerboats and other small size vessels, aircrafts, especially when during production it is necessary to quickly gain thickness of material at large surface of workpiece.

#### Physical and mechanical properties

Property	Unit	COMPOTEX 28563	COMPOTEX 29052	COMPOTEX 42560
Mass per unit area	g/m <sup>2</sup>	285±40	290±40	425±40
Type of weave		plain		
Tensile strength				
warp	N/2.5cm	≥400	≥1800	≥175
weft	N/2.5cm	≥2500	≥1650	≥3900
Thickness	mm	0.27±15%	0.28±15%	0.37±15%
Loss on ignition	%	≤1.5	≤1.5	≤1.5
Sizing agent		silane		
Standard roll size				
width	cm	22 (±1.5%)	100 (+2/-1%)	25 (±2%)
length	m	≥50		

## Technical Data Sheet

### COMPOTEX WOVEN ROVING FABRICS AND TAPES

Reinforcing composites and fiber-glass plastics

#### Physical and mechanical properties (continuation)

Property	Unit	COMPOTEX 43014	COMPOTEX 60095	COMPOTEX 63053	COMPOTEX 74013
Mass per unit area	g/m <sup>2</sup>	430±50	600±60	630±40	740±80
Type of weave		plain			
Tensile strength					
warp	H/2.5cm	≥1764	≥2500	≥2750	≥2940
weft	H/2.5cm	≥2548	≥2500	≥2750	≥2940
Thickness	mm	0.35±15%	0.58±15%	0.55±15%	0.60±15%
Loss on ignition	%	≤1.5	≤1.5	≤1.5	≤1.5
Sizing agent		silane			
Standard roll size					
width	cm	100 (+2%/-1%)	100 (+1.5%/-1.5%)	100 (+2%/-1%)	100 (+2%/-1%)
length	m	≥50			

*Manufacture of the material with other physical and mechanical properties is accepted upon agreeing about with a consumer.*

**Advantages:** COMPOTEX woven roving fabrics and tapes ensure even distribution of bonding and impregnating agents thus making it possible to use the fabrics as reinforcing material in manufacture of composite fiber-glass goods by winding and contact molding. The fabrics are made of rovings manufactured in Russia.



#### Regulatory documents:

- Technical specifications TU 5952-028-00205009-2016

#### Manufactured by:

STEKLONIT JSC Tramvaynaya 15, Ufa, 450027. Tel.: +7 347 293-76-00

Moscow office Profsoyuznaya 23, Moscow, 117997. Tel.: 8 800 500-07-22

Tverstekloplastik, a branch of STEKLONIT JSC Pashi Savelievoj 45, Tver, 170039. Tel.: +7 482 255-35-52

[www.steklonit.com](http://www.steklonit.com), [info@steklonit.com](mailto:info@steklonit.com)