

**AIR TEXTURED  
(ATY) YARNS**





## Air Textured Yarns

Air-jet texturing process is a purely mechanical method that uses a cold air-stream to produce bulked yarns with cotton touch and warmth. The feed yarns need not be restricted to the synthetic filament yarns. The air textured yarns closely resemble spun yarns in their appearance and physical characteristics.

The air-jet texturing process is by far the most versatile of all the yarn texturing methods in that it can blend all kinds of filaments together. Air textured yarn is very bulky with permanent crimps and loops. Interlacing of filaments in the jet can cause the loops to be locked into the yarn so that any further twisting is unnecessary. Loop frequency, loop dimensions, loop stability and physical bulk are the important characteristics of air textured yarns.

High quality air jet textured yarns are produced from all types of continuous filament yarns (PES, PA, PP, Glass, Carbon, etc.) as well as from their various forms (FDY/FOY, POY) to a large range of resultant yarns for a wide variety of applications such as:

- Automotive
- Home Textile & Contract
- Apparel
- Outdoor
- Military
- Industrial / High Tenacity
- Carpet yarns

Item	Luster	Function	Capabilities
<b>Polyester ATY</b>	FD SD BRT DD	Dope Dyed Discat UV FR	From Dtex 56 up to 5000
<b>Polyamide ATY</b>	FD SD BR	High Tenacity Coton Touch	From Dtex 56 up to 5000
<b>Polyproplene ATY</b>	SD BR	Dope Dyed Soft Handle UV FR	From Dtex 330 up to 2200

**INDUTECH**

Filtration, Cleaning, Mechanical engineering, Chemical industry

**CLOHTECH**

Garments, shoes

**PROTECH**

Person and property protection

**MOBILTECH**

Cars, Ships, Aircraft, Trains, Space travel.

**SPORTECH**

Sport and leisure, Active wear, Outdoor, Sport articles.

**MEDITECH**

Hygiene, Medicine

**GEOTECH**

Road infrastructure, Railways, Irrigation and Hydraulic structures, Waste Landfills, Dams etc

**PACKTECH**

Packaging, Protective-cover systems, Sacks, Big bags, Container systems

**HOMETECH**

Furniture, Upholstery + Interior furnishing, Rugs, Floor coverings

**AGROTECH**

Horticulture + landscape gardening, agriculture + forestry animal keeping

**BUILDTECH**

Membrane, Lightweight + massive construction + engineering industrial building.

**OEKOTECH**

Environment protection, recycling, Waste disposal

Our advanced **Air-Jet**

**Texturing** capabilities and innovative texturing methods allow us to produce finished synthetics that look and feel like natural yarns, or provide products with unique and superior performance characteristics.



**Tepar Tekstil Sanayi ve Ticaret A.Ş.**

Hadımköy Mahallesi, Celal Bayar Caddesi,

No:1 Arnavutköy 34555 İstanbul, Turkey

**[www.tepar.com](http://www.tepar.com)**

Tel: +90-212-7710338

Fax: +90-212-7710348

[tepar@tepar.com](mailto:tepar@tepar.com)