

**AIR TEXTURED
(ATY) YARNS**



TASLAN
Innovation in ATY



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
Polyester ATY	FD SD BRT DD	Dope Dyed Discat UV FR	From Dtex 56 up to 5000
Polyamide ATY	FD SD BR	High Tenacity Coton Touch	From Dtex 56 up to 5000
Polyproplene ATY	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.





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