



Benefits of braided wire harnesses



Abrasion
Resistance



Chemical
Resistance



Heat
Resistance



Flame
Resistance



Reliability



Wires do not move,
regardless of shaking and use

Convoluted tubing has 20 - 30% free space, which allows wires to move more freely during use



Rodents cannot chew through



Tight stitching keeps rocks
and other small particles out



10 -13 year lifespan

Convolute tubing has a 2-4 year lifespan

Find out more. Email marketing@coats.com



Extrusion

COATS
aptan xtru



Aptan XTRU is designed to function in extreme environments. Manufactured from high temperature resistant PVC polymer with a high tenacity nylon core for strength, it can be braided to create a protective cover over standard harness wiring systems. It is produced in key manufacturing units, all with ISO 9000 accreditation and complies fully with automotive manufacturing quality assurance stipulations.

Product	Diameter		Tensile Strength		Approx. Yield	
	Inches	Mm	Kg	Pounds	Metres / Kg	Yards / lb
840	0.028	0.71	6.8	15	2,016	1,000
840H	0.028	0.71	6.8	15	2,016	1,000
1260	0.040	1.01	10	22	1,109	550
1260H	0.040	1.01	10	22	1,109	550

Gral XTRU is a coated polyester braid used for specialized applications that require phenomenal abrasion resistance and excellent chemical resistance. Meant for high demanding applications:

- Thermoplastic Polyester Elastomer (TPE) is most commonly utilized in applications like internal transmission harnesses.

Product Guidelines

Product	Diameter		Tensile Strength		Approx. Yield	
	Inches	Mm	Kg	Pounds	Metres / Kg	Yards / lb
1000	0.028	0.71	8.9	20	2,550	1,273

- Fluoropolymer (PVDF) is most commonly utilized in applications like internal engine harnesses and will last for 10-years of continuous exposure to 150°C.

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1000	0.028	0.71	8.9	20	2,016	1,000



Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products.

Information provided above is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided.

Product information sheets are updated from time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us.