

# Thermal Memory Ltd

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**PTFE AS41088 / PAN640** spiral binding is extremely stable even at high temperatures, it can be used continuously at **-70°C to +260°C**. AS41088 will start to melt at around **+320-350°C**, it can be used for short durations up to this temperature. An ideal product for cable harnesses in Aerospace technical design industries, UK & USA Defense industries. It is totally re-useable!



**GTB** has added lipped contoured edges, which prevents damage to the cable jacket insulation when assembled. Can be used for colour coding & for hose, cable protection, hydraulic hoses, military & defence applications, commercial, maintenance industrial applications & other market industries.

Alternative to expandable braid

## PTFE Spiral Binding to AS41088 & PAN6480

Code Type	ID mm	ID inch	T mm	ED mm	Weight / Kg	Package
GTB-30	3.2	1/8	0.75	1.13	0.042	100mtr reels
GTB-50	5.0	3/16	0.75	1.13	0.053	50mtr reels
GTB-75	7.5	0.295	0.75	1.13	0.066	33mtr reels
GTB-100	10.0	3/8	0.75	1.13	0.079	Bags
GTB-125	12.5	1/2	0.75	1.13	0.096	Bags
GTB-200	20.0	3/4	1.25	1.66	0.320	Bags
GTB-255	25.5	1.00	1.25	1.66	0.350	Bags
GTB-300	30.0	1.18	Can be made to order with set minimum quantities required.			

Properties	Typical Performance
Tensile Strength at break – Longitudinally	33N / mm <sup>2</sup>
Elongation at break – Horizontally	350 %
Density	2.15g / cm <sup>3</sup>
Dielectric Strength	50kV / mm
Melting Range	+320°C to +350°C
Thermal Conductivity	0.25 to 0.5W / m.k

Operating Temperature  
**-70°C to +260°C**

### Main features

Resistant to solvent & chemicals  
Will withstand high temperatures  
Flexible  
A re-useable component  
Ultra Violet resistant  
Chemical inert  
High temperature component  
Added lipped contoured edges

### Features

- **Chemically inert**
- **Chemical resistant**
- **Bundling cables, wires & hydraulic hose assemblies**
- **Custom Bi colours & sizes available, made to order, any colour.**
- **Dampens vibration**
- **Totally re-useable**
- **Excellent dielectric strength**
- **Excellent abrasion protection**
- **Added extra contoured edges for total chaffing protection compared to lacing cords which will break into insulation.**

### Ordering information

Colour: - 0 Black. Any other color can be made and is available to order only.

For ordering: Specify the type, size, colour & quantities. (Example ordering : GTB 30 - 0 - 100mtrs / 330ft)

