

# HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

## SPECIFICATION DATA SHEET

**PRODUCT TYPE** TIE CORDS / LACING TAPES



### PTFE CIRCULAR TIE CORDS AND FLAT LACING TAPES

BRAIDED PTFE COATED GLASS YARN TO GIVE SUPERIOR STRENGTH AND FLEX LIFE.

NATURAL (WHITE) AS STANDARD.

USED FOR TYING OF ELECTRICAL AND ELECTRONIC WIRING HARNESSES IN AEROSPACE APPLICATIONS AND SUSPENDING ANY PRODUCT IN HAZARDOUS ENVIRONMENTS SUCH AS PLATING TANKS, IMPREGNATION, AND ENCAPSULATION.

SUPPLIED ON ROUND PACKS APPROX. WEIGHT 0.12KG.

ALSO AVAILABLE IN SET LENGTHS ON REELS.

### PRODUCT CHARACTERISTICS

NEGLIGIBLE SHRINKAGE / STRETCHING

OPERATING TEMPERATURE -55 to +260°C

NON BURNING

CHEMICALLY RESISTANT



### PTFE TIE CORDS (CIRCULAR CROSS SECTION)

TYPE NUMBER	NOMINAL DIA. (mm)	APPROX. YIELD (m/kg)	NOMINAL TENSILE STRENGTH (N)	APPROX. LENGTH PER PACK (m)	APPROX. WEIGHT (KG/KM)
C037	0.90	1030	≥ 127	115	0.93
+C045	1.2	680	≥ 216	76	1.38
+C085 *	2.2	210	≥ 785	23	4.87

+C045 ≡ Cord DAN 107-1      +C085 ≡ Cord DAN 107-2

\*INCLUDED IN THE CONSTRUCTION CO85 IS A CENTRE STRENGTHENING CORD



### PTFE LACING TAPES (FLAT CROSS SECTION)

TYPE NUMBER	NOMINAL WIDTH (mm)	APPROX. YIELD (m/kg)	NOMINAL TENSILE STRENGTH (KG)	APPROX. LENGTH PER PACK (m)	APPROX. WEIGHT (KG/KM)
+T070	1.78	1000	≥ 157	111	0.96
+T085	2.16	660	≥ 250	73	0.97
T100	2.60	620	≥ 300	69	1.05
+T120	3.05	455	≥ 350	51	1.53

GENERALLY CONSTRUCTED IN ACCORDANCE WITH MIL-T-43435 Type IV Finish D

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