



# PROTEC DUO TUBULAR



Protective flexible double tubular PET FABRIC.

2 Closed sleeves provides a perfect and easy solution to protect all wiring, cables, hoses and insulation pipes.

Protective tubular fabric offer these unique features;

- very flexible
- high abrasion resistant
- temperature range -50°C to 150°C
- diameter range 2x 20mm to 2x 75mm
- resistant to extreme environments
- Cut to length with no unravelling

## APPLICATIONS

PROTEC DUO TUBULAR FABRIC provides excellent abrasion resistance for components such as cables, wiring bundles, pipes, hoses. Now you can bundle multiple substrates without the use of tie wraps.

These substrates are protected from mechanical damage arising from exposure to touch conditions such as harsh environments, vibrations, frictions, etc... Yet provide resistance to trapping water, heat and humidity.

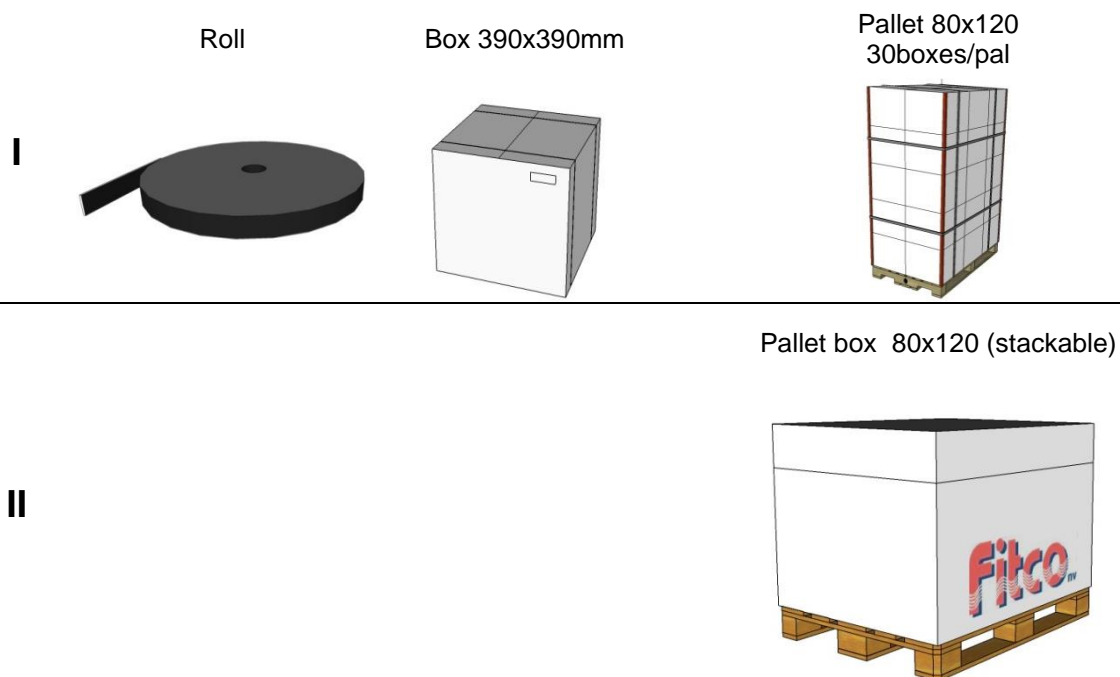
Markets are:

- Automotive industry; auto, railway, military
- Aerospace, aeronautical industry
- Cable and electronic industry

## INSTALLATION

- PROTEC TUBULAR FABRIC is installed by feeding over the application.
- Cut to desired length.
- The woven filaments give a flexible and easy installation onto any substrates.

## PRESENTATION



## SPECIFICATIONS

| Inside Diameter (mm) | I      |           |       | II    |
|----------------------|--------|-----------|-------|-------|
|                      | m/roll | rolls/box | m/box | m/box |
| 2x20                 | 50     | 5         | 250   | 3600  |
| 2x25                 | 50     | 4         | 200   | 3000  |
| 2x30                 | 50     | 4         | 200   | 2500  |
| 2x40                 | 50     | 3         | 150   | 2000  |
| 2x50                 | 50     | 2         | 100   | 1500  |
| 2x60                 | 50     | 2         | 100   | 1200  |

\* Other sizes upon request

## PERFORMANCES

| MECHANICAL          |                       |
|---------------------|-----------------------|
| Abrasion resistance | high                  |
| Flexibility         | Very good             |
| Cut resistance      | Good                  |
| Tensile stress      | 650 N/mm <sup>2</sup> |
| Elongation          | 20%                   |

| THERMAL               |                 |
|-----------------------|-----------------|
| Operating temperature | -50°C to +150°C |
| Melting temperature   | +250°C          |
| Shrinkage (air 200°C) | 8 – 10%         |

| CHEMICAL         |           |
|------------------|-----------|
| Water absorption | 0,1%max   |
| UV resistance    | Very good |
| Resistance A*    | High      |
| Resistance B**   | Low       |

\* weak acidic substances, oils, fats

\*\* strong acidic or alkaline substances

The above mentioned values are indicative and are provided without any guarantee.  
FITCO N.V. does not assume any responsibility resulting from the application of these data.

## TECHNICAL DATA

|                   |                        |
|-------------------|------------------------|
| Material          | Polyester              |
| Available Colours | Black - Orange         |
| Specific gravity  | 1,38 g/cm <sup>3</sup> |
| Weft yarn         |                        |
| Warp yarn         | 1100 Dtex              |

