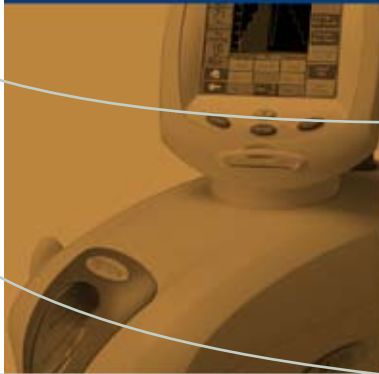


MOVING REHABILITATION FORWARD



TRACTION THERAPY

C H A T T A N O O G A G R O U P



INTERNATIONAL



Traction Therapy

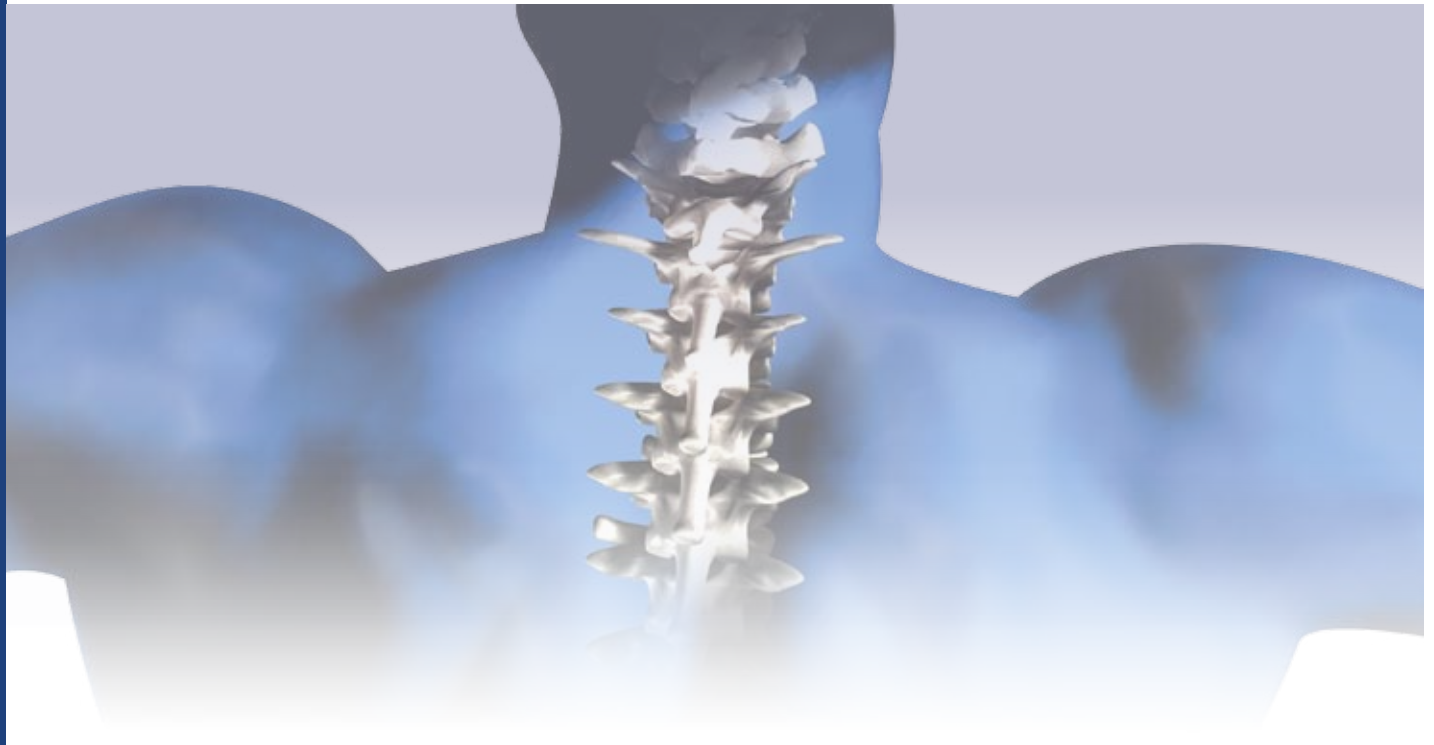
Chattanooga Group is the world's largest manufacturer of rehabilitation equipment for treating musculoskeletal, neurological and soft tissue disorders. For over six decades, Chattanooga Group has set a benchmark for **LEADERSHIP, RELIABILITY** and **EXCELLENCE**. Our products contribute to better treatment outcomes in hospitals, clinics and home settings worldwide. We lead the physiotherapy industry by example, through continuous **INNOVATION**, providing real-world **SOLUTIONS** for clinicians and their patients. But ultimately, we measure success by our impact on the **LIVES** we touch – clinicians, distributors and patients.

Chattanooga Group is certified/compliant to the ISO13485, EN46001 and FDA-QSR Quality Manufacturing Systems with the addition all necessary U.S. FDA 510(K) clearances and Health Canada Device Licenses. North American safety agency approvals exist for most all our products (i.e., UL, cUL, ETL, cETL, MET and/or cMET). Our products intended for the E.U. (European Union) market comply with the Medical Device Directive 93/42/EEC requirements necessary for the appropriate CE marking. Our risk class II products will have the appropriate CE marking with our Notified Body number (0413). Our Notified Body for Europe is SEMKO (0413) located in KISTA, Sweden. Outside of the USA, Canada and the EU, appropriate medical class products comply to harmonized versions of International Safety Standards via the IEC.





- 1** | Traction Overview
- 2** | Traction Indications
- 3** | Triton DTS[®] System
- 7** | Triton[®] Traction Device
- 8** | Triton Traction Table
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- 10** | Economy Traction Tables
- 11** | Traction Accessories



A Progressive Therapeutic Rehabilitation System

Both manual and mechanical traction have been used for years as a reliable solution for musculoskeletal pain and discogenic conditions. However, mechanical traction devices have remained primitive by technological standards...until now. The new generation of traction devices from Chattanooga Group provides the innovation needed to mimic the intricate nuances of the manual therapist's hands and expands the features of modern day traction.

Mechanical/Physiological Effects of Traction Therapy

Decompression

- Relieve pressure on nerves
- Unload spine
- Decrease disc bulging
- Separate vertebrae

Mobilization

- Stretch the ligaments and tendons
- Stress the capsule, facet joints and intravertebral discs
- Migration of nucleus pulposus

Anti-inflammatory response

- Decrease muscle tone
- Decrease inflammation

Circulation Improvement

- Blood flow to tissues
- Venous flow away from tissues





Clinical Indications for Traction Therapy

- Back pain resulting from herniated, bulging, or protruding discs
- Discogenic pain
- Joint pain
- Spondylosis
- Facet joint disorders
- Root impingement
- Hypomobility
- Compression fractures
- Muscle spasms
- Cervical radiculopathy

Clinical Benefits of Traction Therapy

- Decreased pain
- Decreased muscle tone
- Increased range of motion
- Increased flexibility
- Reduced edema
- Reduced disc herniation
- Relieve nerve root compression

with

TRITON

DTS®

Removable Axilla Posts

Pelvic Tilt

Independently Adjustable Chest Section

Repositional Headpiece (0°- 35°)

Adjustable Arm Rests

Friction Free
Horizontal

Adjustable Grab Bar





Triton DTS Traction Head

Touch Screen 270° Pivoting Interface

Patient Data Card Port

Visual Rope Angle Indicator

Dual Purpose Patient Interrupt Switch and EMG Indicator

Section (0°- 20°)

Gas-assist Leg Section

Pivoting Traction Mount

Adjustable Height

Spring Controlled Horizontal Glide

Integrated Lockable Caster System



ORDERING INFORMATION

Triton DTS

4767 – Triton DTS Package

includes:

4798 – Triton DTS Traction Unit

4766 – EMG module

2842 – Triton DTS Card

48084 – Patient Interrupt/EMG Indicator Switch

27465 – Patient Data Cards (5x)

27321 – EMG Leadwire

42042 – DuraStick® 5cm Round Electrodes (4x)

42061 – DuraStick 3cm Round Electrodes (4x)

48144 – User Manual on CD

4769 – Triton DTS Traction Table

2825 – QuikWrap™ DTS Belting System

7040 – Saunders Cervical Traction Device (with clevis)

42901 – Leg Bolster Set

866300 – Black Naugahyde Wedge

9296 – Stabilizer Pressure Biofeedback

Triton Traction Unit

TECHNICAL SPECIFICATIONS

Mains Power: 100 – 240 V, 50/60 Hz

Power Consumption: 75 W

Current Consumption: 3.2 Amps Max

Weight: 14 kg (30 lbs)

Dimensions: (L x W x H) 45 x 24 x 45 cm (17.7" x 9.4" x 17.7")

Electrical Safety Class: Class 1, Type B

Safety Tests: IEC/UL/EN 60601-1, IEC/EN 60601-1-2, CAN C22.2 No. 601.1-M90 w/A2 Meets MDD 93/42/EEC, CE 0413

Triton DTS Traction Table

TECHNICAL SPECIFICATIONS

Mains Power: 230 V, 50 Hz; 120 V, 60 Hz

Current: 230 V - 1.8 A; 120 V - 3.3 A

Power Input: 230 V - 230 W; 120 V - 200 W

Weight: 143 kg (315 lb)

Dimensions: (L x W x H) 203.2 x 71 x 51 to 102 cm (80" x 28" x 20" to 40")

Electrical Safety Class: Class 1, Type B

Safety Tests: IEC/UL/EN 60601-1, CAN/CSA C22.2 No. 601.1-M90 w/A2

EMG Module

TECHNICAL SPECIFICATIONS

Electrical Safety Class: Class 1, Type BF



The Triton DTS package from Chattanooga Group offers a complete system with a newly engineered spine table, a sophisticated traction unit, and simple harnessing with Quik-Wrap™. The system is further accessorized with a cervical traction attachment, bolster set, wedge, and pressure biofeedback device.

Triton DTS Traction Unit Features

- 5 unique DTS Pull Patterns deliver pulls designed to closely replicate the manual therapy experience
- Pretension step eases guarding and provides greater comfort for the acute patient
- Independent timer control for pretension, progression, traction, and regression
- Automatic speed variation during the Progressive phase
- Gradient pulls, oscillations, and Progressive Range of Motion
- Variable speed motor (30%, 50%, 100%) increases treatment flexibility
- Surface EMG activation initiates the session when patient relaxes to the EMG target
- Clinical Protocols™ for cervical and lumbar along with 80 User-Defined Protocol slots
- Static, intermittent, and cycling traction options
- Full color graphic library includes anatomical images, common pathologies, and detailed belting techniques on high resolution touch-screen
- Multi-lingual software on board
- Save patient treatment sessions on Patient Data Cards, which record patient pain mapping, pain scales, and pain types all from the unit to the card

1. Intermittent



2. Intermittent w/ Max Gradient



3. Intermittent w/ Reverse Gradient



4. Progressive Range of Motion



5. Cyclic



Surface EMG activation in use





Triton DTS Traction Table Features

- Provides maximum patient comfort in prone and supine positions for both manual therapy and traction therapy
- Pelvic Tilt section provides flexion of lumbar spine to improve positioning in traction
- Pelvic Tilt helps address pelvic asymmetry commonly seen in low back pain patients
- Independently controlled arm and chest sections assist in maintaining a neutral spine
- Repositional head piece elevates to 35°, allowing easy access to the thoracic and cervical spine
- Repositional head piece cradles the patient's head comfortably in prone and supine
- Tuck-away, adjustable grab bars for prone hanging traction without a thoracic restraint
- Gas spring assist on friction-free moveable sections for easy positioning
- Adjustable height table from 52 - 104 cm (20.5" - 41")
- Removable axilla posts provide additional fixation to the table, preventing slippage during supine traction

Supine Traction



Prone Traction



Saunders Cervical Traction



Stabilizer Pressure Biofeedback



UPHOLSTERY*

Trademark Colors

- Black (002)
- Stone Blue (061)

Standard Colors

- Mocha (003)
- Burgundy (004)
- Forest (005)
- Slate (006)
- Midnight Gray (033)
- Dove (007)
- Imperial Blue (001)

Designer Colors

- Seafoam (026)
- Sandstone (027)
- Terra Cotta (029)
- Blue Ridge (032)
- Rosewood (061)

RhinoHyde Colors

- Northwoods (052)
- Cobalt (053)
- Port (056)
- Plum (059)

*Designer and RhinoHyde Colors carry a slight upcharge.

RhinoHyde from Chattanooga Group is a unique vinyl product supported by a tough synthetic textile padding. It is 30% thicker than standard upholstery. In strict compliance with US governmental fire codes, RhinoHyde is flame resistant. A superior upholstery for medical applications, RhinoHyde is also bacteriostatic, mildew resistant, and oil resistant. RhinoHyde is warranted for two years against manufacturing defects which lead to cracking, peeling, or delamination of properly cared for material.

NOTICE: Color charts are produced within the limitations of lithographic color printing and are intended as a general guide only.

ORDERING INFORMATION

Triton Traction Unit

4749 – Triton Traction Unit

Standard Accessories

48083 – Patient Interrupt Switch

27465 – Patient Data Cards (5x)

48144 – User Manual on CD

Optional Accessories

4766 – EMG module

includes:

48084 – Patient Interrupt/EMG Indicator Switch

27321 – EMG Leadwire

42042 – DuraStick® 5cm Round Electrodes (4x)

42061 – DuraStick 3cm Round Electrodes (4x)

TECHNICAL SPECIFICATIONS

Mains Power: 100 – 240 V, 50/60 Hz

Power Consumption: 75 W

Current Consumption: 3.2 Amps Max

Weight: 14 kg (30 lbs)

Dimensions: (L x W x H) 45 x 24 x 45 cm
(17.7" x 9.4" x 17.7")

Electrical Safety Class: Class 1, Type B

Safety Tests: IEC/UL/EN 60601-1, IEC/EN 60601-1-2, CAN C22.2 No. 601.1-M90 w/A2
Meets MDD 93/42/EEC, CE 0413

EMG Module

TECHNICAL SPECIFICATIONS

Electrical Safety Class: Class 1, Type BF



Triton Traction Features

- Static, intermittent, and cycling traction
- Independent timers allow easy customization of traction pulls in progressive, regressive, and traction phases
- Variable speed motor (30%, 50% and 100%)
- Pretension step eases the patient into traction to prevent muscle guarding and pretest patient's tolerance to traction force
- Clinical Protocols™ provided for both cervical and lumbar conditions
- Full color graphic library complete with visual tutorial of belting techniques, anatomical images and common pathologies
- Digital high resolution color touch screen that pivots 270°
- 80 User defined protocol slots
- Easily store treatment parameters, pain scales, and pain maps on Patient Data Cards
- Upgrade with the optional EMG module

Pathological Library



Clinical Protocols



Belting Technique





Triton Traction Table

- Four section adjustable height traction table
- Turret mounted pedestal for traction unit
- Friction free pelvic cushion with spring recoil
- Pivoting traction mount for angular pulls
- Integrated gull wing locking caster system
- 181 kg (400 lb) lift capacity
- Adjustable height from 52-104 cm (20.5" - 41")
- Choice of hand or foot control
- 71 cm (28") wide cushions, nose hole and grab bars standard
- Head section: -25° to 90°
- Foot section: 0° to 90°
- Full steel frame undercarriage

Supine Traction



Prone Traction



ORDERING INFORMATION

Triton Traction Table

5840 – Triton Traction Table

TECHNICAL SPECIFICATIONS

Mains Power: 230 V, 50/60 Hz;
120 V, 60 Hz

Current: 230 V - 1.0 A; 120 V - 1.6 A

Power Input: 230 V - 230 W;
120 V - 200 W

Weight: 64 kg (140 lb)

Dimensions: (L x W x H) 196 x 71 x
52 to 104 cm (77" x 28" x 20.5" to 41")

Electrical Safety Class: Class 1, Type B

Safety Tests: IEC/UL/EN 60601-1

UPHOLSTERY*

Trademark Colors

- Black (002)
 - Stone Blue (061)
- ### Standard Colors
- Mocha (003)
 - Burgundy (004)
 - Forest (005)
 - Slate (006)
 - Midnight Gray (033)
 - Dove (007)
 - Imperial Blue (001)

Designer Colors

- Seafoam (026)
- Sandstone (027)
- Terra Cotta (029)
- Blue Ridge (032)
- Rosewood (061)

Rhinohyde Colors

- Northwoods (052)
- Cobalt (053)
- Port (056)
- Plum (059)

*See page 6 for more information.

ORDERING INFORMATION

Tru-Trac Traction Device

4779 – Tru-Trac Traction Unit

Standard Accessories

48082 – Patient Interrupt Switch

27465 – Patient Data Cards (5x)

48081 – User Manual on CD

TECHNICAL SPECIFICATIONS

Mains Power: 100 – 240 V, 50/60 Hz

Power Consumption: 75 W

Current Consumption: 3.2 Amps Max

Weight: 14 kg (30 lbs)

Dimensions: (L x W x H) 45 x 24 x 45 cm

Electrical Safety Class: Class 1, Type B

Safety Tests: IEC/UL/EN 60601-1,
IEC/EN 60601-1-2, CAN C22.2 No.
601.1-M90 w/A2

Meets MDD 93/42/EEC, CE 0413



Tru-Trac Traction Features

- Static, intermittent, and cycling Traction
- User-defined hold, rest and treatment times
- 10 User-defined protocol slots to store customized settings
- Digital monochromatic touch screen interface that pivots 270°
- Easily store treatment parameters, pain scales, and pain maps on Patient Data Cards

Progressive Stage of Traction



Saving Patient Data



User Protocols



TTET-200 and TTFT-200 Traction Tables



The TTET-200 is a two-section, 71 cm wide table with an adjustable height from 48 cm - 96 cm (19" - 38") and a working load of 181 kg (400 lbs). Optional retractable casters are available. Traction unit sold separately. Available in all upholstery colors shown in chart.



The TTFT-200 is a two-section, 71 cm wide table with a fixed height 81 cm (32") from top to floor and a working load of up to 159 kg (350 lbs). Traction unit sold separately. Available in all upholstery colors shown in chart.



ORDERING INFORMATION

Economy Hi-Lo Traction Table

6870 – TTET-200

Optional Accessories

66898 – Foot Switch

86016 – Retractable Casters

TECHNICAL SPECIFICATIONS

Mains Power: 230 V, 50/60 Hz;
120 V, 60 Hz

Current: 230 V - 1.0 A; 120 V - 1.6 A

Power Input: 230 V - 230 W;
120 V - 200 W

Weight: 64 kg (140 lb)

Dimensions: (L x W x H) 196 x 71 x
48 to 96 cm (77" x 28" x 20.5" to 41")

Electrical Safety Class: Class 1, Type B

Economy Fixed Height Traction Table

6840 – TTFT-200

UPHOLSTERY*

Standard Colors

	Black (002)
	Imperial Blue (001)
	Mocha (003)
	Burgundy (004)
	Forest (005)
	Slate (006)
	Midnight Gray (033)
	Dove (007)
	Stone Blue (061)

Designer Colors

	Seafoam (026)
	Sandstone (027)
	Terra Cotta (029)
	Blue Ridge (032)
	Rosewood (061)

Rhinohyde Colors

	Northwoods (052)
	Cobalt (053)
	Port (056)
	Plum (059)

*See page 6 for more information.

Traction Accessories

ORDERING INFORMATION

Data Management

2768 – Patient Data Management System

Traction Belts/Harnesses

2840 – QuikWrap™ Deluxe Universal Belt System

1440 – TXA-1 Traction Accessory Package
Includes: One adjustable cervical traction halter, one heavy duty pelvic traction set, two TX pillows and covers and one 43 cm (17") spreader bar.

1433 – Heavy-Duty Pelvic Traction set includes: thoracic belt, pelvic belt, and restraint straps. Universal fit to 132 cm (52")

1432 – Thoracic Straps (2)

1434 – Heavy Duty Pelvic Belt

1435 – Heavy Duty Thoracic Belt

11261 – Replacement Strap with Buckle

Cervical Traction Halter

A 1401 – Universal

B 1403 – Medium

1404 – Large

1405 – Adjustable

Universal Belts

C 1431 – Thoracic Belt

D 1421 – Single Pull Pelvic Belt

Spreader Bar

60044 – 30 cm (12")

60030 – 43 cm (17")

Double Pull Pelvic Belts

1412 – Medium

1413 – Large

1414 – X-Large

Cervical Traction

7040 – Clinical Cervical Traction Device

Standard Accessory

48039 – Clevis

Wrist Traction

1450 – Carpal Trac

12450 – Replacement Wrist Strap

Standard Accessory

48039 – Clevis

Mobile Stand

3600 – Mobile Traction Stand

TECHNICAL SPECIFICATIONS

Dimensions: (L x W x H)

86 cm x 69 - 102 cm x 66 - 100 cm

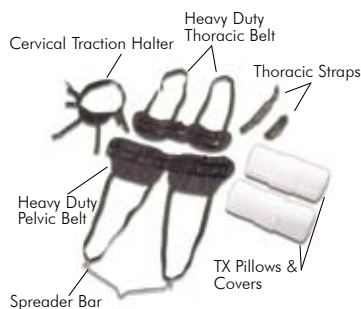
Mounting Surface: 32 cm x 27 cm

Weight: 17 kg



Patient Data Management System

- Consists of External Card Reader, PC software, and patient data cards
- After saving patient data from the traction device to the patient data card, easily transfer data to the PC with PDMS
- Organize, store, and print traction session data
- Provides documented treatment outcomes



TXA-1 Traction Accessory Package

- For use with pelvic or lumbar traction applications up to 91 kg (200 lbs)



Saunders Cervical Traction

Note: Clevis included to mount to Triton or Tru-Trac traction unit.



Mobile Traction Stand

- Provides a traction mount for Chattanooga Group traction devices to be secured to almost any table
- Fully adjustable
- Secure strapping to table
- Traction unit sold separately



QuikWrap Deluxe Universal Belt System

- Allows patient to be wrapped, set-up & treatment started in as little as 2 minutes
- Non-slip design allows for evenly distributed anterior/posterior pull force
- For use with Triton traction table and unit



Traction Harnesses

- Universal fit
- For use with pelvic or lumbar traction applications up to 91 kg (200 lbs)



Carpal-Trac

- Designed to alleviate pressure on the soft tissue structures of the wrists
- Inter-locking wrist strap allows traction without compressing carpal tunnel soft tissue.

Note: Clevis included to mount to Triton or Tru-Trac traction unit.





Overdoor Traction Kit

- Over-the-door cervical traction kit
- For patient administered flexion or extension cervical traction



TXS-1 Flexion Stool

- Adjustable height
- Allows therapist to place lumbar spine into neutral or flexed position for increased patient comfort



Naugahyde® Knee Wedge and Crescent

- Provides optimum body position for multiple treatment applications
- Covered with durable Naugahyde upholstery for maximum durability
- Available in choice of standard, designer and Rhinohyde™ colors



Naugahyde® Wedges

- Flat surfaced positioning shapes used to build head control, sitting balance, trunk control and upper extremity function
- Accommodated multiple body positions
- High density urethane foam covered with durable Naugahyde® upholstery
- Available in choice of standard, designer and Rhinohyde™ colors



Naugahyde® Bolsters

- Bolsters offer unlimited functional purposes
- Improve weight-bearing dynamic gross motor movements, coordination, righting reactions, balance, strength and muscle tone
- High density urethane foam covered with durable Naugahyde upholstery
- Available in choice of standard, designer and Rhinohyde™ colors

Facial Pillow

- Supports the head and neck of the patient for more comfortable traction sessions



ORDERING INFORMATION

Patient Administered Traction

4390 – Overdoor Traction Kit

TXS-1 Flexion Stool

7050 – TXS-1 Flexion Stool adjustable height from 33-51 cm (13-20")

Knee Wedge

867800 – Knee Wedge
56 cm x 56 cm x 26 cm

Knee Crescent

867900 – Crescent 49 cm x 32 cm x 22 cm

867700 – Crescent 20 cm x 41 cm

Naugahyde Wedges

866000 – 25 cm x 51 cm x 56 cm

866200 – 30 cm x 61 cm x 71 cm

866100 – 25 cm x 61 cm x 71 cm

866600 – 20 cm x 61 cm x 71 cm

866300 – 10 cm x 51 cm x 56 cm

866400 – 15 cm x 51 cm x 56 cm

866500 – 20 cm x 51 cm x 56 cm

Naugahyde Bolsters

867100 – 10 cm x 61 cm

867200 – 13 cm x 30 cm

867300 – 15 cm x 61 cm

867400 – 20 cm x 46 cm

867500 – 20 cm x 61 cm

867600 – 20 cm x 91 cm

867000 – 25 cm x 91 cm

When ordering wedges and bolsters, it is important to order by specifying both size code and color code. For example, when ordering a bolster that is 10 x 61 cm that should be Imperial Blue, specify REF and color

Pillows

4291 – Facial Pillow

UPHOLSTERY*

Standard Colors

	Black (002)
	Imperial Blue (001)
	Mocha (003)
	Burgundy (004)
	Forest (005)
	Slate (006)
	Midnight Gray (033)
	Dove (007)
	Stone Blue (061)

Designer Colors

	Seafoam (026)
	Sandstone (027)
	Terra Cotta (029)
	Blue Ridge (032)
	Rosewood (061)

Rhinohyde Colors

	Northwoods (052)
	Cobalt (053)
	Port (056)
	Plum (059)

*See page 6 for more information.



ISO 13485 Certified

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