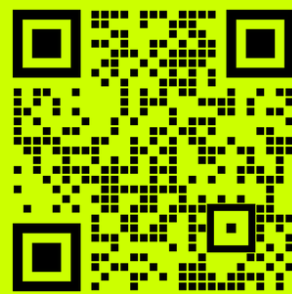




D Y M É

TECHNICAL QUICK REFERENCE GUIDE



DYME CRIMPED FITTINGS ARE CROSS COMPATIBLE WITH SUPERLEGGERA CARBON PTFE HOSE AS WELL AS SUPERSTRASSE CPE RUBBER HOSE (CRIMP VERSION ONLY), AND WHEN ASSEMBLED WITH THE COMPATIBLE CRIMP COLLARS, AND ASSEMBLED TO THE CORRECT COMPRESSION SETTINGS. ALL DYME COMPRESSION TYPE FITTINGS CAN ONLY USE THE COMPRESSION TYPE SUPERSTRASSE HOSE AND MUST CAREFULLY BE ASSEMBLED, FOLLOWING THE DIRECTIONS IN ORDER TO MEET THE PERFORMANCE STANDARDS THAT ARE STATED HEREIN..

HOSE FAMILY TYPE

COMPATIBLE HOSE TYPE

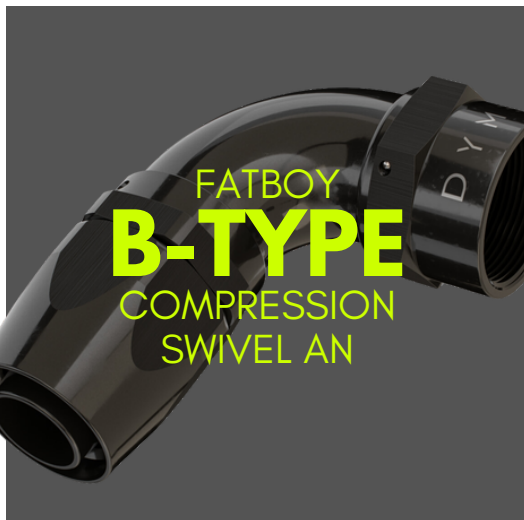
CRIMPED



**SUPERLEGGERA
CRIMP TYPE
HOSE**
 USE **CPA** TYPE COLLARS
& CRIMP SETTINGS
FOR SUPERLEGGERA

**SUPERSTRASSE
CRIMP TYPE
HOSE**
 USE **CRA** TYPE COLLARS
& CRIMP SETTINGS
FOR SUPERSTRASSE

COMPRESSION

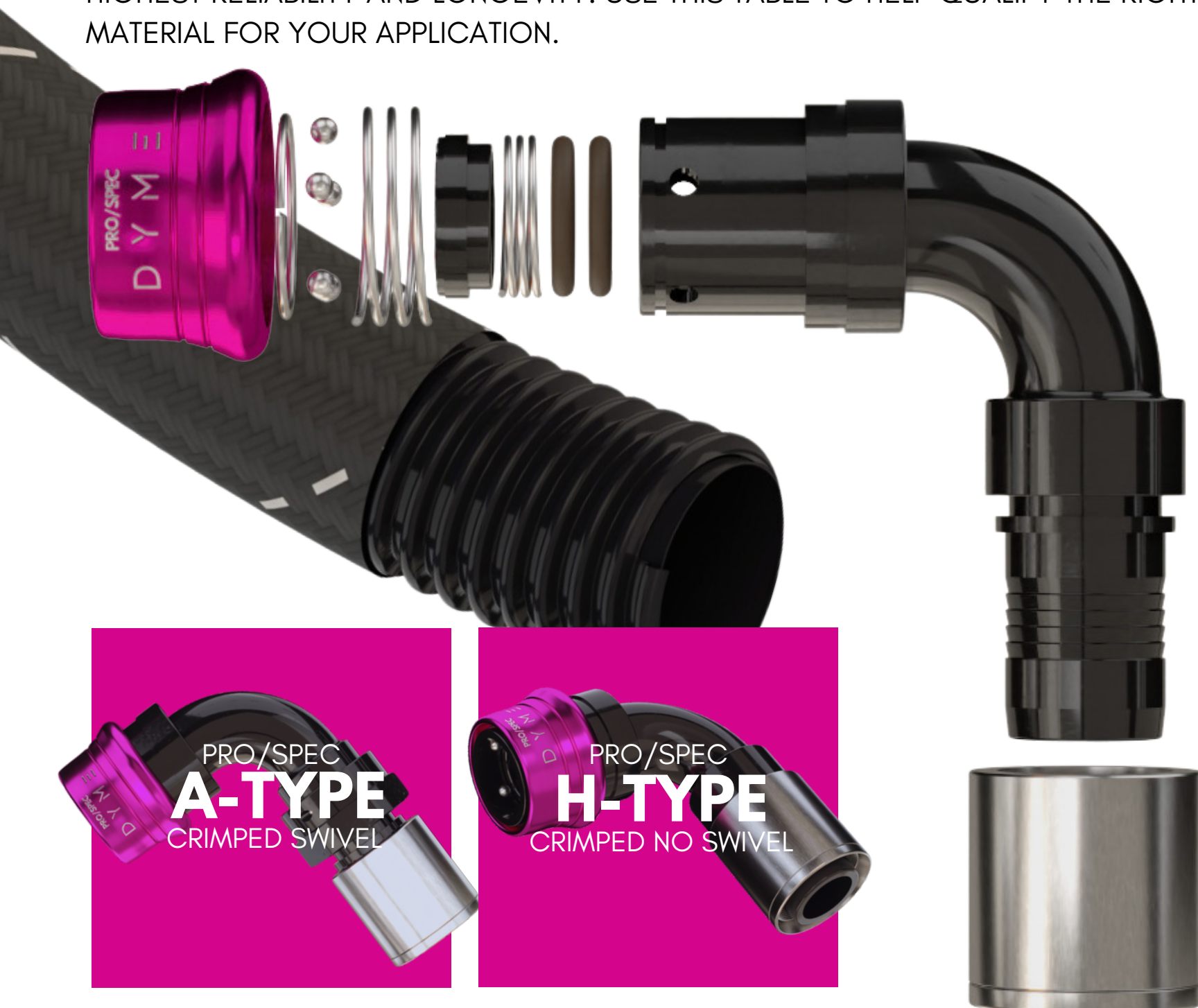


**SUPERSTRASSE
COMPRESSION
TYPE HOSE**



DYME PRO/SPEC

DYME PRO/SPEC QC CRIMP FITTINGS WITH SUPERLEGGERA CARBON PTFE HOSE & ARAMID BRAID IS THE LIGHTEST, STRONGEST HOSE AND FITTING COMBINATION, SUITABLE FOR THE MOST INTENSE MOTORSPORT APPLICATIONS THAT NEED THE HIGHEST RELIABILITY AND LONGEVITY. USE THIS TABLE TO HELP QUALIFY THE RIGHT MATERIAL FOR YOUR APPLICATION.



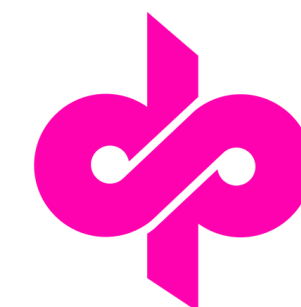
SUPERLEGGERA

CRIMPED TYPE PERFORMANCE DATA

PRO/SPEC + SUPERLEGGERA PERFORMANCE DATASHEET (DS006)

SIZE (AN EQUIVALENT)	PRO/SPEC Fitting Burst Pressure (PSI)	Superleggera (Aramid PTFE) Max. Working Pressure (PSI)	Superleggera (Aramid PTFE) Burst Pressure (PSI)	Max. Temperature (C/F)	Min. Temperature (C/F)
AN4 - 1/4"	10000	2158	9442	150 C / 302 F	-70 C / -94 F
AN6 - 3/8"	10000	1949	9534	151 C / 302 F	-70 C / -94 F
AN8 - 1/2"	10000	1461	6219	152 C / 302 F	-70 C / -94 F
AN10 - 5/8"	7500	1219	6050	153 C / 302 F	-70 C / -94 F
AN12 - 3/4"	5000	1008	5868	154 C / 302 F	-70 C / -94 F
AN16 - 1"	4500	974	3083	155 C / 302 F	-70 C / -94 F
AN20 - 1-1/4"	4500	900	2500	156 C / 302 F	-70 C / -94 F

****Operating Pressure based on a 4x safety factor, testing at ambient temperature using water as a fluid medium, for temperatures over 100 degrees Celsius, reduce maximum operating pressure by 1% for every 1 degree Celsius increase.**



D Y M E
PRO/SPEC

DYME PRO/SPEC QC FITTINGS
SUPERSTRASSE CPE RUBBER WITH
STAINLESS STEEL REINFORCEMENT,
AND PET BRAID, A GREAT LOWER
COST ALTERNATIVE TO PTFE, FOR
STREET AND TRACK APPLICATIONS.
ACCORDING TO THE USE CASE OF
THE MATERIAL, THE MATERIAL
SHOULD BE RENEWED AT LEAST
EVERY 5 YEARS OR AS NEEDED. USE
THIS TABLE TO HELP QUALIFY THE
RIGHT MATERIAL FOR YOUR
APPLICATION.



SUPERSTRASSE

CRIMPED TYPE PERFORMANCE DATA

PRO/SPEC + SUPERSTRASSE PERFORMANCE DATASHEET (DS006)							
SIZE (AN EQUIVALENT)	PRO/SPEC Fitting Burst Pressure (PSI)	Superstrasse (Nylon CPE) Max. Working Pressure (PSI)	Superstrasse (Nylon CPE) Burst Pressure (PSI)	Max. Working Temperature (C/F)	Min. Working Temperature (C/F)	Max. Temperature (C/F)	Min. Temperature (C/F)
AN4 - 1/4"	10000	420	2100	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN6 - 3/8"	10000	400	2000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN8 - 1/2"	10000	400	2000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN10 - 5/8"	7500	280	1400	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN12 - 3/4"	5000	280	1400	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN16 - 1"	4500	240	1200	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN20 - 1-1/4"	4500	200	1000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F

**Operating Pressure based on a 4x safety factor, testing at ambient temperature using water as a fluid medium, for temperatures over 100 degrees Celsius, reduce maximum operating pressure by 1% for every 1 degree Celsius increase.



DYME FATBOY AN/ORB CRIMPED FITTINGS WITH SUPERLEGGERA CARBON PTFE HOSE & ARAMID BRAID IS THE TRADITIONAL AN/JIC TYPE FITTING ALTERNATIVE BUT WITH A DISTINCTIVE THICK TUBE LOOK. CRIMPED SUPERLEGGERA IS THE LIGHTEST, STRONGEST HOSE AND FITTING SOLUTION, SUITABLE FOR THE MOST INTENSE MOTORSPORT APPLICATIONS THAT NEED THE HIGHEST RELIABILITY AND LONGEVITY. USE THIS TABLE TO HELP QUALIFY THE RIGHT MATERIAL FOR YOUR APPLICATION.

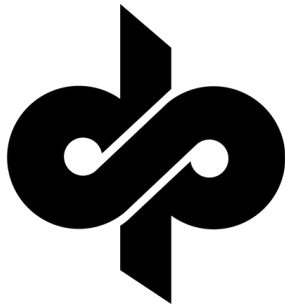


SUPERLEGGERA

CRIMPED TYPE PERFORMANCE DATA

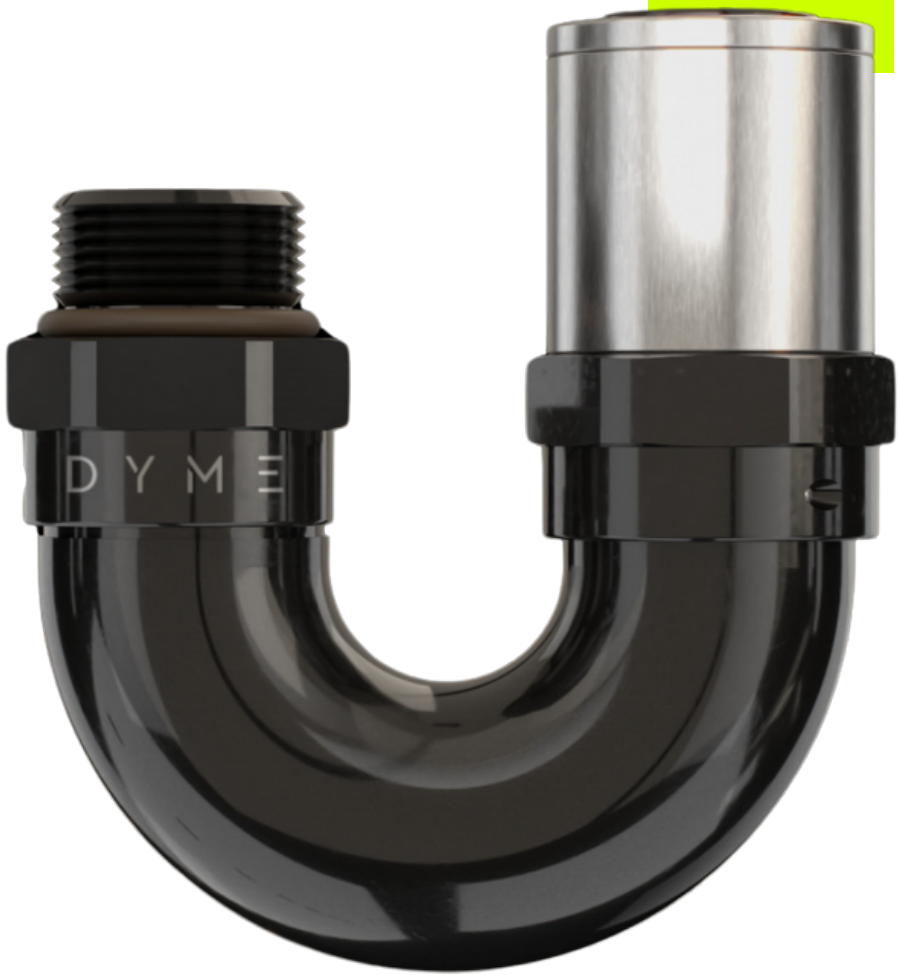
FATBOY & SUPERLEGGERA PERFORMANCE DATASHEET (DS006)

SIZE (AN EQUIVALENT)	Crimped Superleggera (Aramid PTFE) Max. Working Pressure (PSI)	Crimped Superleggera (Aramid PTFE) Burst Pressure (PSI)	Max. Temperature (C/F)	Min. Temperature (C/F)
AN4 - 1/4"	2158	9442	150 C / 302 F	-40 C / -40 F
AN6 - 3/8"	1949	9534	150 C / 302 F	-40 C / -40 F
AN8 - 1/2"	1461	6219	150 C / 302 F	-40 C / -40 F
AN10 - 5/8"	1219	6050	150 C / 302 F	-40 C / -40 F
AN12 - 3/4"	1008	5868	150 C / 302 F	-40 C / -40 F
AN16 - 1"	974	3083	150 C / 302 F	-40 C / -40 F
AN20 - 1-1/4"	900	2500	150 C / 302 F	-40 C / -40 F



DYME FATBOY AN/ORB
CRIMPED FITTINGS WITH
SUPERSTRASSE CPE RUBBER
WITH STAINLESS STEEL
REINFORCEMENT, AND PET
BRAID, A GREAT LOWER COST
ALTERNATIVE TO PTFE, FOR
STREET AND TRACK
APPLICATIONS, BUT WITH THE
HIGH PERFORMANCE
BENEFITS OF A CRIMPED
CONNECTION TO THE FITTING.

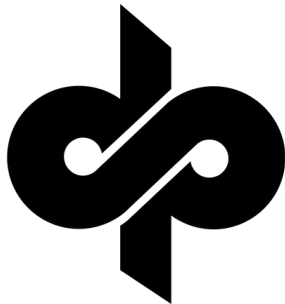
ACCORDING TO THE USE
CASE OF THE MATERIAL, THE
MATERIAL SHOULD BE
RENEWED AT LEAST EVERY 5
YEARS OR AS NEEDED. USE
THIS TABLE TO HELP QUALIFY
THE RIGHT MATERIAL FOR
YOUR APPLICATION.



CRIMPED TYPE PERFORMANCE DATA

FATBOY & SUPERSTRASSE PERFORMANCE DATASHEET (DS006)

SIZE (AN EQUIVALENT)	Crimped Superstrasse (Nylon CPE) Max. Working Pressure (PSI)	Crimped Superstrasse (Nylon CPE) Burst Pressure (PSI)	Max. Working Temperature (C/F)	Min. Working Temperature (C/F)	Max. Temperature (C/F)	Min. Temperature (C/F)
AN4 - 1/4"	420	2100	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN6 - 3/8"	400	2000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN8 - 1/2"	400	2000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN10 - 5/8"	280	1400	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN12 - 3/4"	280	1400	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN16 - 1"	240	1200	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN20 - 1-1/4"	200	1000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F



HOSE CRIMPED ASSEMBLY SETTINGS

DYME SUPERLEGGERA CARBON PTFE HOSE WITH ARAMID BRAID IS THE LIGHTEST, STRONGEST HOSE, SUITABLE FOR THE MOST INTENSE MOTORSPORT APPLICATIONS THAT NEED THE HIGHEST RELIABILITY AND LONGEVITY. USE THIS TABLE TO HELP QUALIFY THE RIGHT MATERIAL FOR YOUR APPLICATION.

DYME SUPERSTRASSE CPE RUBBER WITH STAINLESS STEEL REINFORCEMENT, AND NYLON BRAID, A GREAT LOWER COST ALTERNATIVE TO PTFE, FOR STREET AND TRACK APPLICATIONS. ACCORDING TO THE USE CASE OF THE MATERIAL, THE MATERIAL SHOULD BE RENEWED AT LEAST EVERY 5 YEARS OR AS NEEDED.



SUPERLEGGERA LIGHTWEIGHT CARBON PTFE RACING HOSE

DIE SIZE	CRIMP OD MIN (MM)	CRIMP OD MAX (MM)	PRESSURE (MPA)	COLLAR OD	DIE PART NUMBER
04	11.5MM	12.0MM	10-15MPA	14.0MM	28.981.24.A.H
06	15.8MM	16.2MM	10-15MPA	19.0MM	28.982.24.A.H
08	19.7MM	19.9MM	10-15MPA	22.9MM	28.983.24.A.H
10	23.8MM	24.2MM	15-20MPA	27.0MM	28.984.24.A.H
12	26.8MM	27.7MM	20-25MPA	31.1MM	28.985.24.A.H
16	33.5MM	33.9MM	20-25MPA	36.8MM	28.986.24.A.H

SUPERSTRASSE STREET PERFORMANCE CPE/SS/PET HOSE

DIE SIZE	CRIMP OD MIN (MM)	CRIMP OD MAX (MM)	PRESSURE (MPA)	COLLAR OD	DIE PART NUMBER
04	12.0MM	13.0MM	10-15MPA	14.0MM	28.981.24.A.H
06	16.7MM	17.1MM	10-15MPA	19.0MM	28.982.24.A.H
08	20.6MM	21.1MM	10-15MPA	22.9MM	28.983.24.A.H
10	24.9MM	25.4MM	15-20MPA	27.0MM	28.984.24.A.H
12	28.7MM	29.1MM	20-25MPA	31.1MM	28.985.24.A.H
16	33.9MM	34.7MM	25-30MPA	36.8MM	28.986.24.A.H

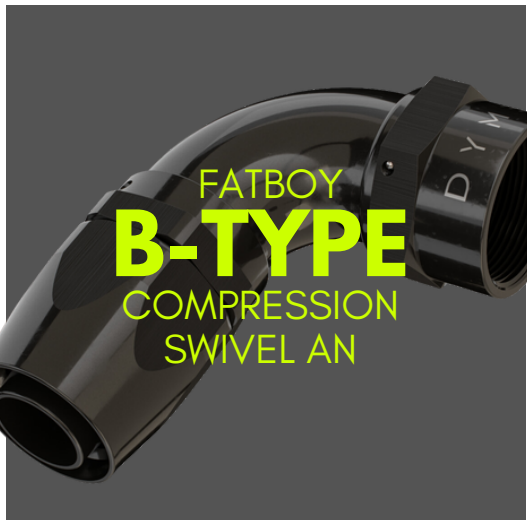


PINCH AND CRUSH HAZARD! THIS PROCESS MUST ONLY BE PERFORMED BY TRAINED PERSONNEL.

USE ONLY DYME APPROVED MATERIAL
EXTRACT FROM DYME DS003 CRIMP SPECIFICATIONS, REFER TO THE CONTROLLED COPY OF THIS DOCUMENT FOR UP TO DATE SPECIFICATIONS.

D Y M E
PRO/SPEC

DYME FATBOY AN
CRIMPED FITTINGS WITH
SUPERSTRASSE CPE
RUBBER WITH STAINLESS
STEEL REINFORCEMENT,
AND NYLON BRAID, A
GREAT LOWER COST
ALTERNATIVE TO PTFE,
FOR STREET AND T



COMPRESSION TYPE PERFORMANCE DATA

PRO/SPEC & FATBOY + SUPERSTRASSE PERFORMANCE DATASHEET (DS006)						
SIZE (AN EQUIVALENT)	Superstrasse (Nylon CPE) Max. Working Pressure (PSI)	Superstrasse (Nylon CPE) Burst Pressure (PSI)	Max. Working Temperature (C/F)	Min. Working Temperature (C/F)	Max. Temperature (C/F)	Min. Temperature (C/F)
AN4 - 1/4"	420	2100	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN6 - 3/8"	400	2000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN8 - 1/2"	400	2000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN10 - 5/8"	280	1400	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN12 - 3/4"	280	1400	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN16 - 1"	240	1200	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F
AN20 - 1-1/4"	200	1000	120 C / 257 F	-25 C / 13 F	150 C / 302 F	-40 C / -40 F

**Operating Pressure based on a 4x safety factor, testing at ambient temperature using water as a fluid medium, for temperatures over 100 degrees Celsius, reduce maximum operating pressure by 1% for every 1 degree Celsius increase.



HOSE & FITTING COMPATIBILITY

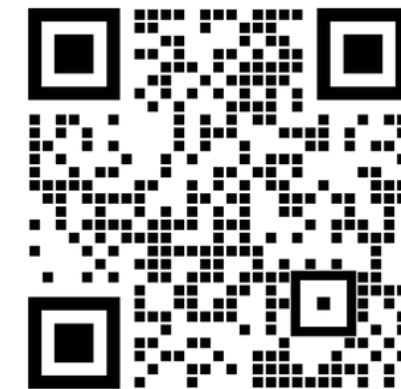


* FOR PROFESSIONAL RACING WITH ADVANCED FUELS SUCH AS ETHANOL E100, METHANOL, 100 OCTANE, C16 ETC. WE RECOMMEND ALWAYS USING PTFE HOSES AS THEY HAVE THE WIDEST AND BEST COMPATIBILITY OVER TIME AND IS A CRITICAL SAFETY MEASURE.

** E85 IS HARMFUL TO RUBBER IN VEHICLE SYSTEMS OVER TIME, TO COUNTERACT THIS DYME RUBBER HOSES LIKE SUPERSTRASSE INCLUDES A CPE LINER THAT PROTECTS THE RUBBER SUBSTRATE FROM ATTACK. OVER TIME THIS LINER CAN BE DEGRADED DEPENDING ON THE FREQUENCY OF USE, HEAT, DAMAGE AND OTHER CONDITIONS. IN GENERAL WE RECOMMEND CHANGING THE HOSE MATERIAL AT LEAST EVERY 5 YEARS AS A PREVENTATIVE MESURE, AND FOR RACING PURPOSES MORE FREQUENTLY, TO BE DETERMINED BY THE SITUATION. E85 CAN ALSO MIGRATE INTO THE MOTOR OIL OF THE CAR AND AFFECT OIL HOSES OVER TIME, PLEASE BEAR THESE FACTORS IN MIND WHEN SELECTING A HOSE MATERIAL, AND IF IN DOUBT, ALWAYS SELECT A PTFE SOLUTION.

*** BRAKE FLUID IS NOT COMPATIBLE WITH ANY FITTING OR ADAPTER THAT HAS AN FKM (VITON (R)) SEAL, PLEASE USE NON SWIVEL TYPES OF FITTINGS AND A COMPATIBLE PTFE HOSE.

HOSE & FITTING COMPATIBILITY DATA (DS001)				
FLUID TYPE	PRO/SPEC FITTINGS	FATBOY FITTINGS	SUPERLEGGERA PTFE HOSE	SUPERSTRASSE CPE HOSE
Gasoline	○	○	○	○
Diesel	○	○	○	○
Racing Fuel	○	○	○	X*
Glycol	○	○	○	○
Nitrous Oxide	○	○	○	○
E85	○	○	○	○**
Motor Oil	○	○	○	○**
Transmission Oil	○	○	○	○
Brake Fluid	X	Non-Swivel Only***	○	X*



V1.0

D Y M E

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